



## Grant All-Detail Report 2013 - Clean Water Assistance Grant

**Grant Title** - 2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)

**Grant ID** - C13-4623

**Organization** - Greater Blue Earth River Basin Alliance

<b>Grant Awarded Amount</b>	<b>\$425,000.00</b>	<b>Grant Execution Date</b>	
<b>Required Match Amount</b>	<b>\$106,250.00</b>	<b>Grant End Date</b>	1/1/2020
<b>Required Match %</b>	25%	<b>Grant Day To Day Contact</b>	

### Budget Summary

	Budgeted	Spent	Balance Remaining
<b>Total Grant Amount</b>	\$425,000.00	\$45,207.33	\$379,792.67
<b>Total Match Amount</b>	\$157,656.67	\$13,043.67	\$144,613.00
<b>Total Other Funds</b>	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$582,656.67</b>	<b>\$58,251.00</b>	<b>\$524,405.67</b>

### Budget Details

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Administration and Coordination</b>	Administration /Coordination	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$21,250.00	\$12,900.00	12/16/2013	N
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Administration and Coordination</b>	Administration /Coordination	Local Fund	2013 - Clean Water Assistance - Ravines and Gullies - GBERBA, SWCD, County - In-Kind	\$5,325.00			Y

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Land and Water Treatment</b>	Non-Structural Management Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$1,857.00			N
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Land and Water Treatment</b>	Non-Structural Management Practices	Federal Funds	2013 - Clean Water Assistance - Ravines and Gullies - EQIP Match	\$85,000.00			Y
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Land and Water Treatment</b>	Non-Structural Management Practices	Landowner Fund	2013 - Clean Water Assistance - Ravines and Gullies - Landowner In-Kind	\$21,250.00			Y
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Project Development</b>	Project Development	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$10,625.00	\$849.68	12/13/2013	N
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Project Development</b>	Project Development	Local Fund	2013 - Clean Water Assistance - Ravines and Gullies - GBERBA, SWCD, County - In-Kind	\$2,700.00			Y
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Technical and Engineering</b>	Technical/Engineering Assistance	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$53,125.00	\$4,251.65	12/13/2013	N
<b>2013 - Clean Water Assistance Grant - Ravines and Gullies - Technical and Engineering</b>	Technical/Engineering Assistance	Local Fund	2013 - Clean Water Assistance - Ravines and Gullies - GBERBA, SWCD, County - In-Kind	\$13,300.00			Y
<b>Anticipated CWA - Ravine and Gully Projects</b>	Special Projects	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$0.00			N
<b>CWF-CDP-13-07-01 Holtmeier Construction</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth Riv..	\$50,000.00			N
<b>CWF-CDP-13-07-01 Holtmeier Construction</b>	Agricultural Practices	Landowner Fund	2013 - Clean Water Assistance Grant - Landowner Contribution	\$17,038.00			Y
<b>CWF-R&amp;G-13-07-01 - Holtmeier Construction</b>	Agricultural Practices						
<b>CWF-R&amp;G-13-07-01 - Holtmeier Construction</b>	Agricultural Practices						

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>CWF-R&amp;G-13-07-02 - David Goodburn</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$9,000.00			N
<b>CWF-R&amp;G-13-22-01 - Lynn Cole &amp; Faribault County</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$50,000.00			N
<b>CWF-R&amp;G-13-22-02 - Joe Mutschler</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$7,698.00			N
<b>CWF-R&amp;G-13-22-02 - Joe Mutschler</b>	Agricultural Practices	Landowner Fund	2013 - Clean Water Fund Assistance - Landowner Contribution	\$0.00			Y
<b>CWF-R&amp;G-13-24-01 - Joel Stensrud</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$28,500.00			N
<b>CWF-R&amp;G-13-24-02 - Dale Stensrud</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$26,000.00			N
<b>CWF-R&amp;G-13-46-01 - Urban Niessen</b>	Agricultural Practices	Landowner Fund	2013 - Clean Water Fund Assistance - Landowner Contribution	\$13,043.67	\$13,043.67	12/13/2013	Y
<b>CWF-R&amp;G-13-46-02 - Larry Cowling</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$50,000.00			N
<b>CWF-R&amp;G-13-83-01 - David Holm</b>	Agricultural Practices	Landowner Fund	2013 - Clean Water Fund Assistance - Landowner Contribution	\$0.00			Y
<b>CWF-R&amp;G-13-83-01 - David Holm</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$40,419.00			N
<b>CWF-R&amp;G-13-83-02 - Richard Flohrs</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$49,320.00			N

Activity Name	Activity Category	Source Type	Source Description	Budgeted	Spent	Last Transaction Date	Matching Fund
<b>CWF-R&amp;G-13-83-02 - Richard Flohrs</b>	Agricultural Practices	Landowner Fund	2013 - Clean Water Fund Assistance - Landowner Contribution	\$0.00			Y
<b>CWF-R&amp;G-46-01 - Urban Niessen</b>	Agricultural Practices	Current State Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)	\$27,206.00	\$27,206.00	12/13/2013	N

### Activity Details Summary

Activity Details	Total Action Count	Total Activity Mapped	Size / Unit
638 - Water and Sediment Control Basin	1	1	1 COUNT
410 - Grade Stabilization Structure	1	0	0

### Indicators Summary

Indicator Name	Total Value	Unit
<b>SOIL (EST. SAVINGS)</b>	3.5	TONS/YR
<b>SEDIMENT (TSS)</b>	3.5	TONS/YR
<b>PHOSPHORUS (EST. REDUCTION)</b>	4.03	LBS/YR

## Grant Activity

Grant Activity - 2013 - Clean Water Assistance Grant - Ravines and Gullies - Administration and Coordination	
Description	<p>The Clean Water Assistance Grant - Ravines and Gullies Project will implement targeted BMPs to reduce sedimentation and increase infiltration in the riparian areas of the Greater Blue Earth River Watershed.</p> <p>Administration and Coordination of this project will be provided by the GBERBA Coordinators and Bookkeeper. The Administrative Coordinator will administer the 2013 CWA Grant. Administration will include all E-link, website and reporting documents as required by BWSR. The fiscal management will be completed by the GBERBA Bookkeeper and include all reporting documents as required by BWSR.</p> <p>Administrative Funds:            Total: \$21,250.00 (5%)            GBERBA: \$21,250.00</p> <p>In-Kind Matching Funds:            Total: \$5,325.00            GBERBA: \$5,325.00</p>
Category	ADMINISTRATION/COORDINATION
Start Date	End Date
Rates and Hours	
Actual Results	<p>JANUARY - DECEMBER 2013</p> <p>GBERBA Bookkeeper and Administrative Coordinator have completed transactions for 2013 including financial transactions and Elink reporting.</p> <p>Administrative Funds:            Total: \$12,900.00            GBERBA: \$12,900.00</p>

## Grant Activity - 2013 - Clean Water Assistance Grant - Ravines and Gullies - Land and Water Treatment

### Description

GBERBA Technical Committee and Policy Board have approved the Targeting and Addressing Ravines in the Greater Blue Earth River Grant.

The funds will target the installation of 15+ BMPs to stabilize severely eroding ravines in the Greater Blue Earth River Watershed. This initiative will work towards the goal of applying BMPs to targeted ravines and gullies in the Greater Blue Earth Watershed. Some projects are already being identified by SWCDs.

Targeting Projects: Ravines and gullies will be targeted using the grant approved targeting methods and must be identified through one of the following methods:

- 1) "Identification and Analysis of Ravines in the Minnesota River Basin with GIS". Wing, Mulla, and Nelson, UM. Using the data learned from this study Dr. David Mulla has applied the targeting methods to the GBERB, and provided this data to GBERBA.
- 2) Stream Power Index (SPI) model for targeting. Much of this information was provided to the GBERBA counties from the 2011 Clean Water Fund Project "The GBERBA Agricultural Shoreland Initiative". Through that 2011 CWF project specific locations were identified as highly vulnerable riparian areas using the LiDAR dataset to compile the Stream Power Index.
- 3) Members of GBERBA also realize that the best targeting tools can miss specific local conditions that cause high sediment producing ravines and gullies. GBERBA will target these ravines and gullies contributing over ten tons per year of sediment to the river system, as identified utilizing the BWSR Pollution Reduction Estimators.

Cost-share will be disbursed to landowners up to 100% cost-share as long as all in-kind contributions for the grant can be met to comply with the CWF grant agreement.

-Maximum grant request per project is \$50,000.

Numbering system for grant - (CWF-R&G-13-Co#-Project#)

Project Costs:

Total: \$340,000.00

In-Kind Matching Funds:

Total: \$106,250.00

EQIP: \$85,000.00

Landowner: \$21,250.00

Category	NON-STRUCTURAL MANAGEMENT PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results	<p>JANUARY - DECEMBER 2013</p> <p>Ten projects were encumbered in 2013 with one project completion.</p> <p>Project Funds Encumbered: Total: \$338,143.00</p> <p>Project Costs: \$27,206.00 Total: \$27,206.00</p> <p>In-Kind Matching Funds: Total: \$13,043.67 Landowner: \$13,043.67</p>	

**Grant Activity - 2013 - Clean Water Assistance Grant - Ravines and Gullies - Project Development**

<p><b>Description</b></p>	<p>The Project Development Initiative will paid to GBERBA members who complete projects in their county. Tasks will include landowner meetings and project investigation; design or engineer consultation and cost-share paperwork.</p> <p>Project Development:                  Total: \$10,625.00 (2%)                  SWCDs/Counties: \$10,625.00</p> <p>In-Kind Matching Funds:                  Total: \$2,700.00                  SWCDs/Counties: \$2,700.00</p>	
<p><b>Category</b></p>	<p>PROJECT DEVELOPMENT</p>	
<p><b>Start Date</b></p>		<p><b>End Date</b></p>
<p><b>Rates and Hours</b></p>		
<p><b>Actual Results</b></p>	<p>JANUARY - DECEMBER 2013:                  Completed one project in Martin County with the Martin SWCD receiving funds for work completed on the Nieseen project including landowner inquires, site visits and project proposal.</p> <p>Project Development:                  Total: \$849.68                  Martin SWCD: \$849.68</p>	



**Grant Activity - 2013 - Clean Water Assistance Grant - Ravines and Gullies - Technical and Engineering**

<p><b>Description</b></p>	<p>Engineering assistance for this project could be completed by several entities and are as follows:                  South Central TSA located in Blue Earth County; Southwest Prairie TSA in Murray County and qualified District Staff and eligible Technical Service Providers. Providers will complete project estimates, certified final designs, and supervise the installation of qualifying BMPs.</p> <p>GBERBA Technical Coordinator will be working with participating SWCDs to ensure qualified technical staff are being utilized throughout the project.</p> <p>Technical and Engineering Funds:                  Total: \$53,125.00 (13%)                  Qualifying TSA, SWCD or TSP: \$53,125.00</p> <p>In-Kind Matching Funds:                  Total: \$13,300.00                  SWCDs and Counties: \$13,300.00</p>	
<p><b>Category</b></p>	<p>TECHNICAL/ENGINEERING ASSISTANCE</p>	
<p><b>Start Date</b></p>		<p><b>End Date</b></p>
<p><b>Rates and Hours</b></p>		
<p><b>Actual Results</b></p>	<p>JANUARY - DECEMBER 2013:                  Completed one project in Martin County with the Martin SWCD receiving funds for work completed on the Niese project including site inspections, landowner and contractor meetings, and technical assistance through construction and cost-share paperwork. Engineering was completed by Ryan Jones - South Central TSA</p> <p>Project Technical/Engineering:                  Total: \$4,251.65                  Martin SWCD: \$4,251.65</p>	

Grant Activity - Anticipated CWA - Ravine and Gully Projects	
Description	Placeholder Project - Work Plan The project will facilitate targeted installation of 15+ agricultural BMP's to stabilize severely eroding ravines in the Greater Blue Earth Basin.
Category	SPECIAL PROJECTS
Start Date	End Date
Rates and Hours	
Actual Results	

Activity Action - Legacy Migrated Data			
Practice	410 - Grade Stabilization Structure	Count of Activities	1
Description			
Proposed Size / Units		Lifespan	Unknown
Actual Size/Units		Installed Date	

Grant Activity - CWF-CDP-13-07-01 Holtmeier Construction	
Description	CWF-CDP-13-07-01 Holtmeier Construction
Category	AGRICULTURAL PRACTICES
Start Date	End Date
Rates and Hours	
Actual Results	

Grant Activity - CWF-R&G-13-07-01 - Holtmeier Construction	
Description	CWF-R&G-13-07-01 - Holtmeier Construction
Category	AGRICULTURAL PRACTICES
Start Date	End Date
Rates and Hours	
Actual Results	

Grant Activity - CWF-R&G-13-07-01 - Holtmeier Construction		
Description	CWF-R&G-13-07-01 - Holtmeier Construction	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-07-02 - David Goodburn		
Description	CWF-R&G-13-07-02 - David Goodburn	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-07-02 - David Goodburn		
Description	CWF-R&G-13-07-02 - David Goodburn	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-22-01 - Lynn Cole & Faribault County		
Description	CWF-R&G-13-22-01 - Lynn Cole & Faribault County	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-22-01 - Lynn Cole & Faribault County		
Description	CWF-R&G-13-22-01 - Lynn Cole & Faribault County	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-22-02 - Joe Mutschler		
Description	CWF-R&G-13-22-02 - Joe Mutschler	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-22-02 - Joe Mutschler		
Description	CWF-R&G-13-22-02 - Joe Mutschler	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-24-01 - Joel Stensrud		
Description	CWF-R&G-13-24-01 - Joel Stensrud	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-24-01 - Joel Stensrud		
Description	CWF-R&G-13-24-01 - Joel Stensrud	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-24-02 - Dale Stensrud		
Description	CWF-R&G-13-24-02	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-24-02 - Dale Stensrud		
Description	CWF-R&G-13-24-02 - Dale Stensrud	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-42-02 - Larry Cowing		
Description	CWF-R&G-13-42-02 - Larry Cowing	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-46-01 - Urban Niessen		
Description	CWF-R&G-13-46-01 - Urban Niessen	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-46-02 - Larry Cowling		
Description	CWF-R&G-13-46-02 - Larry Cowling	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-83-01 - David Holm		
Description	CWF-R&G-13-83-01 - David Holm	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-83-01 - David Holm		
Description	CWF-R&G-13-83-01 - David Holm	
Category	AGRICULTURAL PRACTICES	
Start Date		End Date
Rates and Hours		
Actual Results		

Grant Activity - CWF-R&G-13-83-02 - Richard Flohrs			
Description	CWF-R&G-13-83-02 - Richard Flohrs		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Activity - CWF-R&G-13-83-02 - Richard Flohrs			
Description	CWF-R&G-13-83-02 - Richard Flohrs		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Grant Activity - CWF-R&G-46-01 - Urban Niessen			
Description	CWF-R&G-46-01 - Urban Niessen		
Category	AGRICULTURAL PRACTICES		
Start Date		End Date	
Rates and Hours			
Actual Results			

Activity Action - Ravine and Gully Stabilization			
Practice	638 - Water and Sediment Control Basin	Count of Activities	1
Description			
Proposed Size / Units	1 COUNT	Lifespan	10 Years
Actual Size/Units	1 COUNT	Installed Date	
Final Indicator for Ravine and Gully Stabilization			
Indicator Name	PHOSPHORUS (EST. REDUCTION)	Value	4.03
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) LBS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)

Waterbody	30077		
Final Indicator for Ravine and Gully Stabilization			
Indicator Name	SOIL (EST. SAVINGS)	Value	3.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	30077		
Final Indicator for Ravine and Gully Stabilization			
Indicator Name	SEDIMENT (TSS)	Value	3.5
Indicator Subcategory/Units	WATER POLLUTION (REDUCTION ESTIMATES) TONS/YR	Calculation Tool	BWSR CALC (GULLY STABILIZATION)
Waterbody	30077		

## Grant Attachments

Document Name	Document Type	Description
<b>All Details Report</b>	Workflow Generated	Workflow Generated - All Details Report - 02/01/2014
<b>Disbursement Journal - Ravines &amp; Gullies - January - December - 2013</b>	Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)
<b>Disbursement Journal - Ravines &amp; Gullies - January - December - 2013</b>	Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)
<b>GBERBA - CWF - 2013 - Targeting and Addressing Ravines in the Greater Blue Earth Basin - Policy Final.doc</b>	Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)
<b>grant_app_general-added.rpt</b>	Grant	2013 - Clean Water Assistance Grant - Greater Blue Earth River Basin Alliance (JPB)