

Initiative Name:

2013 - Targeted Drainage Water Management - Administration/Coordination

Initiative Name: **2013 - Targeted Drainage Water Management - Administration/Coordination**

Initiative Type: Admin/Coordination

Year: 2013

Description

The Targeted Drainage Water Management Pilot Grant Project is designed to plan and implement drainage water management to protect and improve water quality.

Administration and Coordination of this project will be provided by the GBERBA Coordinators and Bookkeeper. The Administrative Coordinator will administer the 2013 Pilot 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.

Administrative Funds:

Total: \$8,500.00 (5%)

GBERBA: \$8,500.00

In-Kind Matching Funds:

Total: \$1,500.00

GBERBA: \$1,500.00

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - GBERBA, SWCD, County - In-Kind	1,500.00	1,500.00	0.00		
2. 2013 - Targeted Drainage Water Management - Greater Blue Earth River Basin Alliance (JPB)	8,500.00	8,500.00	0.00		
Totals:	10,000.00	10,000.00	0.00		

Initiative Name: **2013 - Targeted Drainage Water Management - Technical and Engineering**Initiative Type: Technical and EngineeringYear: 2013Description

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 will be complete and certify final designs, and supervise the installation of drainage water management projects.

GBERBA Technical Coordinator will be working with participating SWCDs to ensure qualified technical staff are being utilized throughout the project.

Technical and Engineering Funds:

Total: \$25,500.00 (15%)

Qualifying TSA, SWCD or TSP: \$25,500.00

In-Kind Matching Funds:

Total: \$5,000.00

SWCDs and Counties: \$5,000.00

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - GBERBA, SWCD, County - In-Kind	5,000.00	5,000.00	0.00		
2. 2013 - Targeted Drainage Water Management - Greater Blue Earth River Basin Alliance (JPB)	25,500.00	25,500.00	0.00		
Totals:	30,500.00	30,500.00	0.00		

Initiative Name: **2013 - Targeted Drainage Water Management - Land and Water Treatment**Initiative Type: Land Water TreatmentYear: 2013Description

GBERBA Technical Committee and Policy Board will approve the Conservation Drainage Pilot Grant CWF Policies at the September 7, 2012 and September 19, 2012 meetings.

These funds are for a pilot project to plan and implement drainage water management practices as listed:

- ~Conservation Activity Plan (CAP) 130 Drainage Water Management Plan
 - Must be developed by a certified Technical Service Provider (TSP).
- ~Structure for Water Control (NRCS 587)
- ~Drainage Water Management, Implementation/Operation (NRCS 554)
 - CAP130 is required.
 - Where Controlled Subsurface Drainage Structures installed
 - \$7.58/acre per year for first 3 years of implementation/operation
 - Maximum 300 acres per cooperator.
- ~Denitrifying Bioreactor (NRCS 747)
 - Eligible on existing or new tile drainage systems.
- ~Conservation Activity Plan (CAP) 104 Nutrient Management Plan
 - Must be developed by a certified Technical Service Provider (TSP).
- ~Nutrient Management Plan (NRCS 590)
 - CAP 104 required.
 - Nutrient Management Plan implementation
 - \$5.44/acre per year, first 3 years of implementation CAP 104 acres wo/manure
 - \$10.78/acre per year, first 3 years of implementation CAP 104 acres w/manure
 - Maximum 300 acres per cooperator.
- ~Replacement of Existing Open Tile Inlet(s)
 - In accordance with NRCS 606 Subsurface Drain pactice.
 - Eligible practice perforated riser or dense pattern tile.

Numbering system for grant - (CWF-CDP-13-Co#-Project#)

Project Costs:

Total: \$132,000.00

In-Kind Matching Funds:

Total: \$34,000.00

EQIP: \$20,000.00

Landowner: \$14,000.00

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - Greater Blue Earth River Basin Alliance (JPB)	0.00	0.00	0.00		
2. 2013 - Targeted Drainage Water Management - Landowner In-Kind	0.00	0.00	0.00		
3. 2013 - Targeted Drainage Water Management - EQIP Match	0.00	0.00	0.00		
Totals:	0.00	0.00	0.00		

L&W Project Name:

Anticipated Drainage Practices

BMP(s)
0.
None

POLLUTION REDUCTION ESTIMATE(s)
None

Project Description

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 - Must be developed by a certified Technical Service Provider (TSP).
- ~Structure for Water Control (NRCS 587)
- ~Drainage Water Management, Implementation/Operation (NRCS 554)
 - CAP130 is required.
 - Where Controlled Subsurface Drainage Structures installed
 - \$7.58/acre per year for first 3 years of implementation/operation
 - Maximum 300 acres per cooperator.
- ~Denitrifying Bioreactor (NRCS 747)
 - Eligible on existing or new tile drainage systems.
- ~Conservation Activity Plan (CAP) 104 Nutrient Management Plan
 - Must be developed by a certified Technical Service Provider (TSP).
- ~Nutrient Management Plan (NRCS 590)
 - CAP 104 required.
 - Nutrient Management Plan implementation
 - \$5.44/acre per year, first 3 years of implementation CAP 104 acres wo/manure
 - \$10.78/acre per year, first 3 years of implementation CAP 104 acres w/manure
 - Maximum 300 acres per cooperator.
- ~Replacement of Existing Open Tile Inlet(s)
 - In accordance with NRCS 606 Subsurface Drain practice.
 - Eligible practice perforated riser or dense pattern tile.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - EQIP Match	20,000.00	20,000.00	0.00		
2. 2013 - Targeted Drainage Water Management - Landowner In-Kind	14,000.00	14,000.00	0.00		
3. 2013 - Targeted Drainage Water Management - Greater Blue Earth River Basin Alliance (JPB)	132,000.00	132,000.00	0.00		
Totals:	166,000.00	166,000.00	0.00		

Initiative Name: **2013 - Targeted Drainage Water Management - Project Development**

Initiative Name: **2013 - Targeted Drainage Water Management - Project Development** Initiative Type: Project Development

Year: 2013

Description

The Project Development Initiative will be used to facilitate two field days throughout the Greater Blue Earth River Watershed to promote Conservation Drainage. Tasks will include mailings, advertising, site prep and refreshments.

Field days will be promoted to landowners, contractors and interested local citizens to the benefits of Conservation Drainage and eligible practices. When participants can see actual practices on-the-ground the concept of conservation drainage is more easily understood and applicable to their daily farming practices.

Project Development:
Total: \$4,000.00 (2%)
GBERBA/SWCDs/Counties: \$4,000.00

In-Kind Matching Funds:
Total: \$2,000.00
GBERBA/SWCDs/Counties: \$2,000.00

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2013 - Targeted Drainage Water Management - GBERBA, SWCD, County - In-Kind	2,000.00	2,000.00	0.00		
2. 2013 - Targeted Drainage Water Management - Greater Blue Earth River Basin Alliance (JPB)	4,000.00	4,000.00	0.00		
Totals:	6,000.00	6,000.00	0.00		

Program Specific Workplan Items
