

Workplan / Grant Application / Project Summary Report
**Phase II Sand Hill River Watershed Accelerated
 Erosion Area BMP's**

Submitted by: **Polk, East SWCD**

Grant Fund Type: CWF Clean Water Assistance Grants

Fund Year: 2012

Total Grant Amount:	\$251,680.00	Amount Budgeted for this Workplan:	\$251,680.00	Amount Spent for this workplan:	0.00	Amount Not Spent on this workplan:	\$251,680.00
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BMP Detail Summary

Number of BMP's Installed	BMP Name	Shape Type	Linear Ft.	Total Acres	Total Mapped BMPs	Soil Loss Reduction Tons/Yr	Sediment Reduction Tons/Yr	Phosphorus Reduction Lbs/Yr
Total # installed BMPs:						Tons/Yr	Tons/Yr	Lbs/Yr
Total # mapped BMPs:								

Initiative Name: **2012 CWA Phase II Grant Management and Reporting**

Initiative Name: **2012 CWA Phase II Grant Management and Reporting** Initiative Type: Admin/Coordination

Year: 2012

Description

This will cover all aspects of the administration of the grant agreement. Attending meetings, completing the require reports both financial and Elink. May also include processing landowner contracts, cost share assistance, voucher review and spot checks

Actual Results

Comments

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 - Clean Water Assistance - Polk, East (SWCD)	10,000.00	10,000.00	0.00		
Totals:	10,000.00	10,000.00	0.00		

Initiative Name: **2012 CWA Phase II Project Development**

Initiative Name: **2012 CWA Phase II Project Development**

Initiative Type: Project Development

Year: 2012

Description

Project development will consist of making individual contacts with landowners and participating in area meetings to promote the installation of conservation practices within the targeted area. The District Board will review and make recommendations on cost share application received, and review project progress.

Actual Results

Comments

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 - Clean Water Assistance - Polk, East (SWCD)	5,000.00	5,000.00	0.00		
Totals:	5,000.00	5,000.00	0.00		

Initiative Name: **2012 CWA Phase II technical and engineering**

Initiative Name: **2012 CWA Phase II technical and engineering**

Initiative Type: Technical and Engineering

Year: 2012

Description

Jim Hest, RRVCSA1 engineer will be the lead with the technical approval authority. Jeff Haverland RRVCSA1 will also have technical approval authority. They will survey, plan and design the sediment basin projects. They will also explain to the landowners the project plans. They will also do construction field checks and final construction sign-off. District staff will be assisting with the above technical assistance. All project will be design using NRCS technical standards.

Actual Results

Comments

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 - Clean Water Assistance - Polk, East (SWCD)	36,000.00	36,000.00	0.00		
Totals:	36,000.00	36,000.00	0.00		

Initiative Name: **2012 CWA Phase II Projects**

Initiative Name: **2012 CWA Phase II Projects**

Initiative Type: Land Water Treatment

Year: 2012

Description

We are anticipating working with an additional 5-10 landowners to install approximately 40 additional sediment basins in the upper reaches of the Sand Hill River Watershed. This is a continuation of a previous grant. This will include expenses to complete the projects such as construction cost to complete the project. This may include but not be limited to construction, materials, contracted labor and equipment. All projects will be designed by using NRCS technical standard that apply to the project. RRVCSA1 engineer Jim Hest or Technician Jeff Haverland will have the technical approval authority with district staff assisting. As projects are completed they will be reported as individual land and water projects within the land and water projects module.

Actual Results

Comments

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 - Clean Water Assistance - Polk, East (SWCD)	200,680.00	200,680.00	0.00		
Totals:	200,680.00	200,680.00	0.00		

Initiative Name: **2012 CWA Phase II Landowner Match**

Initiative Name: **2012 CWA Phase II Landowner Match**

Initiative Type: Labor and Materials

Year: 2012

Description

The landowner where the project is being constructed will contribute a minimum 25% of the project cost by inkind and cash contribution.

Actual Results

Comments

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 CWA Phase II Landowner Match	50,000.00	50,000.00	0.00		
2. 2012 - Clean Water Assistance - Polk, East (SWCD)	0.00	0.00	0.00		
Totals:	50,000.00	50,000.00	0.00		

Initiative Name:

2012 CWA Phase II Sand Hill Watershed Match

Initiative Name: **2012 CWA Phase II Sand Hill Watershed Match**

Initiative Type: Labor and Materials

Year: 2012

Description

Sand hill watershed District has committed up to \$50,000 of cash match to the installation of land and water projects in this project area. The Sand Hill River Watershed District in their long range plan has identified this as a priority area to install land and water treatment projects to address the turbidity impairment in the Sand Hill River. The Sand Hill Watershed District appreciates the opportunity to work with the East Polk SWCD to implement this project.

Actual Results

Comments

FUND(s)

	<u>Budgeted</u>	<u>Approved</u>	<u>Spent</u>	<u>First Spend Date</u>	<u>Last Spend Date</u>
1. 2012 CWA Phase II Sand Hill Watershed Match	50,000.00	50,000.00	0.00		
2. 2012 - Clean Water Assistance - Polk, East (SWCD)	0.00	0.00	0.00		
Totals:	50,000.00	50,000.00	0.00		

Program Specific Workplan Items

Needed TMDL Load Reduction (If Applicable): sediment and phosphorus

What is the estimated amount of hydrologic befernit? reduction of flow. water and sediment basins are designed to collect and store water and sediment on the land. Minimum detention time to store water is 24 hours for a 10 year 24 hour runoff event.

Estimated Reduction Pollutant #2 estimate per sediment basin 16 lbs per acre

Estimated Reduction Pollutant #1 estimate per sediment basin sediment 18 tons/ac

Water Plan Reference: Polk County's Local Water Management Plan Priority concern #1 focuses on Surface Water Quality (pg6) Goal 3 listed on page 7 aims to promote and educate the citizens of Polk County about BMP's and the wuse use of our natural resources, especially as it pertains to water quality by providing technical and financial support to landowners to implement BMP's. Goal #4 (pg 7) states, work with federal, state, and local agencies in regards to the imparied waters status of these waters. It outlines in part b) to support and participate in current and future imparied waters clean-up programs.

TMDL Reference: na

Watershed Name (81 Majors) Sand Hill River

Project Description: The East polk Soil and Water conservation District will continue to implement erosion control/sediment reduction projects in the upper reaches of the Sand Hill Watershed. The focus will be assisting landowners to install water and sediment basins on high potential sediment delivery areas of the upper reaches of the Sand Hill River.

Primary Pollutant Targeted: sediment

Secondary Pollutant Targeted: phosphorus

Members of the LGU Board SWCD Board Larry Vetteson, Bruce Grundyson, Al Bauer, Ken Pederson and Scott Balstad.

RRVCSA1 has a 17 memeber board also

LGU CWF Website NWMNSWCD- -East Polk

Full Time Employees East Polk SWCD gary Lee, Katie Engelmann RRVCSA1 engineer
Jim Hest, Techniian Jeff Haverland