Roseau COUNTY

Beginning of 2010 Natural Resources Block Grant - Roseau (COUNTY) Section

FUND INFORMATION BY PROGRAM

PROGRAM	STATE FUND ALLOCATED	STATE FUND SPENT	MATCH FUNDS SPENT
Feedlot	$0.00	$0.00	$0.00
LWM	$20,719.00	$20,719.00	$2,465.00
SSTS	$9,931.00	$9,931.00	$0.00
Shoreland	$3,073.00	$3,073.00	$3,073.00
WCA	$27,613.00	$24,551.98	$27,075.00
	$61,336.00	**$58,274.98**	**32,613.00**

REQUIRED LOCAL LEVY

Required Local Water Management Levy for 2010 Natural Resources Block Grant - Roseau (COUNTY) = **$2,465.00**

LIST OF MATCH FUNDS

FUND NAME	FUND YEAR	FUND TYPE	BUDGETED	APPROVED	SPENT
2010 LWM Levy	2010	Local Cash	$2,465.00	$2,465.00	$2,465.00
2010 WCA Inkind Auditor	2010	Local Inkind	$500.00	$500.00	$500.00
2010 WCA Inkind SWCD	2010	Local Inkind	$26,575.00	$26,575.00	$26,575.00
2010 Shoreland Inkind	2010	Local Cash	$3,073.00	$3,073.00	$3,073.00
2010 WCA Inkind HWY Dept	2010	Local Inkind	$0.00	$0.00	$0.00
			$32,613.00	**$32,613.00**	**$32,613.00**

FUNDS NOT COUNTED AS MATCHING

Funds may not be counted as match toward the grant listed in this print out. If there are projects/initiatives with more than one NRBG fund attached and the year assigned to the match fund is not the same as the year of the NRBG grant summarized by this print out, the dollars used from the match fund will not be counted towards the overall match for this Grant. Match funds not counted towards this NRBG, may be counted as match for an NRBG grant of a different year.

FUND NAME	FUND YEAR	FUND TYPE	SPENT
None			

NRBG Program:

LWM Program

1. *Project Name:* **2010 LWM Admin** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Admin/Coordination *Initiative Year:* 2010

Description:

Provide administrative support for river monitoring; provide equipment support for the high school River Watch program; provide information on well water and river water; keep website updated; provide well water kits; coordinate the well water analysis program; use fairbooth get information to public about water conservation and well water testing during Fair Week; continue the filing of well sealing records from the MDH; write the newsletter, participate in watershed Project Work Team meetings

Actual Results:

Participated on three Watershed Project Work Teams; obtained water monitoring and analysis of surface waters; provided surface water data for MPCA database; presented at Envirothon, calibrated equipment for River Watch; filed 29 well boring and sealing records; provided information and education to the public through website, newsletters, fairbooth and office visits and phone calls regarding potable water, erosion and conservation; conducted a ground water analysis for arsenic, coliform bacteria and nitrate; and participated in training conferences and water management meetings. Administration included 289 hours plus 3000 miles of vehicle usage.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 LWM Levy	2,465.00	2,465.00	2,465.00	0.00	9/30/10	9/30/10
2. 2010 Natural Resources Block Grant - Roseau (COUNTY	7,705.00	7,705.00	7,705.00	0.00	9/30/10	6/30/11
Totals:	**10,170.00**	**10,170.00**	**10,170.00**	**0.00**		

2. *Project Name:* 2010 LWM Surface Water Analysis

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Monitoring/Data Collection

Initiative Year: 2010

Description:

Retain certification for YSI sonde use in the field for surface water data compilation. A Certified lab will be used to analyze surface waters for E. coli, nitrate and total phosphorus. Surface water data from Roseau County watersheds will be entered into the MPCA database for surface water studies. Rain gauge parts will be available to the Roseau County Rainfall Monitoring Network.

Actual Results:

Attended Sonde training for certification. Collected surface water data from 13 sites (8 sites in Roseau River watershed and 5 sites in Lake of the Woods watershed) once a month for 8 months. Field parameters observed were depth, dissolved oxygen, pH, specific conductivity terperature, turbidity recreational suitability, and appearance. RMB Environmental lab analyzed surface water for nitrate, total phosphorus and E. coli. Surface water data was reviewed and sent to MPCA to put into their new Environmental database, EQuIS. Various calibration supplies for river monitoring equipment were acquired. A new improved turbidimeter was obtained. Rain gauge replacement parts were provided for rainfall monitoring network consisting of 36 people and agencies. Accurate and consistant rainfall data is used by the Climatology Office and National Weather Service for flood and drought prediction models. A trimble unit was purchased for upcoming culvert survey and river assessments.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	8,094.48	8,094.48	8,094.48	0.00	12/28/10	6/30/11
Totals:	**8,094.48**	**8,094.48**	**8,094.48**	**0.00**		

3. *Project Name:* 2010 LWM Training and Education

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2010

Description:

Actual Results:

Provide training for the water plan coordinator to improve job performance. Send out approximately 2600 newsletters as an education tool to create public awareness on important water information relating to conservation, quality, precipitation and local water management activities. A fairbooth will also be rented to relay information regarding water conservation and the well water project for nitrate, coliform bacteria and arsenic testing. Provide Envirothon support and information for high school students. Calibrate the sonde unit for River Watch students

Presented at the Area 1 Envirothon to high school students from four counties. Attended the BWSR Academy Conference. Attended a Water Management Summit meeting involving Counties, Watershed and SWCDs. Attended ArcGIS training. Newsletter containing water resource information was sent to 2494 households. No students signed up to be selected to attend Conservation Camp in 2010. Sonde unit was calibrated four times for River Watch. The fairbooth was a success to discuss conservation to many people and had 20 people sign-up to have their well water tested for arsenic, coliform bacteria and nitrate.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	1,381.56	1,381.56	1,381.56	0.00	7/14/10	4/26/11
Totals:	**1,381.56**	**1,381.56**	**1,381.56**	**0.00**		

4. *Project Name:* **2010 LWM Groundwater Analysis** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Monitoring/Data Collection *Initiative Year:* 2010

Description:

Well water will be analyzed on 50 wells for coliform bacteria, nitrate, and arsenic.

Actual Results:

41 wells were analyzed for coliform bacteria, nitrate and arsenic. 6 wells contained nitrates, but these were all below the state's recommendation of 10 mg/L. 5 wells were positive for coliform bacteria, but no E. coli was detected. 19 wells contained arsenic and 5 of those had levels above the state's recommendation of 10 ug/L.

29 well and boring sealing records from the MN Dept of Health were filed and archived.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	2,264.78	2,264.78	2,264.78	0.00	8/3/10	9/14/10
Totals:	**2,264.78**	**2,264.78**	**2,264.78**	**0.00**		

5. *Project Name:* **2010 Supplies** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Supplies/Equipment *Initiative Year:* 2010

Description:

Computer upgrade.

Actual Results:

A new notebook computer was purchased for local water plan management because the old one failed.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	1,273.18	1,273.18	1,273.18	0.00	4/25/11	6/23/11
Totals:	**1,273.18**	**1,273.18**	**1,273.18**	**0.00**		

End of LWM program

NRBG Program:

Shoreland Program

6. *Project Name:* **2010 Shoreland** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Regulation,Ordinances,Plann *Initiative Year:* 2010

Description:

Administration of County Shoreland Ordinance includes sewer/builiding permits, site investigations, gathering information for permits, FSA map expenses, publishing costs, Board of Adjustment expenses, and getting supplies to carry out work as needed.

Actual Results:

Administration of Shoreland was carried out and completed.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Shoreland Inkind	3,073.00	3,073.00	3,073.00	0.00	12/31/10	12/31/10
2. 2010 Natural Resources Block Grant - Roseau (COUNTY	3,073.00	3,073.00	3,073.00	0.00	12/31/10	12/31/10
Totals:	**6,146.00**	**6,146.00**	**6,146.00**	**0.00**		

End of Shoreland program

NRBG Program:

SSTS Program

7. *Project Name:* **2010 SSTS** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Regulation,Ordinances,Plann *Initiative Year:* 2010

Description:

Administration of County SSTS ordinances includes sewer/building permits, site investigations, gathering information, supplies needed to carry out work; update of ordinance.

Actual Results:

Administration of SSTS was carried out and completed.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	9,931.00	9,931.00	9,931.00	0.00	12/30/10	12/30/10
Totals:	**9,931.00**	**9,931.00**	**9,931.00**	**0.00**		

End of SSTS program

NRBG Program:

WCA Program

8. *Project Name:* **2010 WCA Admin** *Module:* Initiative *Reported By:* Roseau SWCD

Initiative Type: Admin/Coordination *Initiative Year:* 2010

Description:

Actual Results:

Funding for administration that includes working with landowners regarding wetland issues and questions, looking at specific areas that require wetland determinations and or delineation and follow-up, and working on field reviews and inspections. The FEMA ditch project will be supported. Review of tax forfeited lands and provide certification of wetlands to County Aduitor will be done for wetland issues.

Administration of the Wetland Conservation Act for Roseau County continues with various agencies and landowners throughout the County. We have continued to move forward on FEMA disaster projects with the Roseau County Highway Department which still have a few remaining issues on county ditch laterals, we hope to finalize most of this work in the near future. We had 62 wetland related contacts that required technical assistance, and numerous contacts that assistance was provides in office or a field visit was provided but no wetland issues were affected or impacted. Wetland issues that required replacement plan were worked on for replacement of wetland through wetland banking credits. We had a restoration order issued for a violation. As well midigation for replacement through wetland banking. We have continued to work with owners of a wetland bank to monitor the bank and move forward to enroll the remaining acres into the bank site. We have been working with a landowner to for road mitigation banking credits in a new wetland bank.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 WCA Inkind SWCD	26,575.00	26,575.00	26,575.00	0.00	1/14/11	6/30/11
2. 2010 WCA Inkind HWY Dept	0.00	0.00	0.00	0.00		
3. 2010 WCA Inkind Auditor	500.00	500.00	500.00	0.00	12/31/10	6/30/11
4. 2010 Natural Resources Block Grant - Roseau (COUNTY	19,296.02	19,296.02	16,235.00	3,061.02	1/14/11	6/30/11
Totals:	**46,371.02**	**46,371.02**	**43,310.00**	**3,061.02**		

9. *Project Name:* 2010 WCA Education and Training

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2010

Description:

Provide approximately 2600 mailings for residents regarding news about the Wetland Conservation Act. Mailings occur once a year. Provide support for Environmental Fair for K-6.

Actual Results:

Newsletters were mailed out to all residents of the County and owner/operators on our mailing list as they were updated and provided with information on the Wetland Conservation Act and rule changes that have been made to the program. We also provided information at our County fair booth on any new information that pertains to the Wetland Conservation Act program. Attended mutliple training meetings to keep up to date on wetland issues.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	1,328.53	1,328.53	1,328.53	0.00	1/14/11	6/30/11
Totals:	**1,328.53**	**1,328.53**	**1,328.53**	**0.00**		

10. *Project Name:* 2010 WCA Field Supplies

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2010

Description:

Upgrade computer hardware and software as needed. Obtain a digital camera for WCA field work. Possible GPS unit for field identification.

Actual Results:

Computer upgrades were done by NRCS. No cost to SWCD. A Trimble 6000 Series Geo XH unit was purchased, which included a camera with geo-tagging capability for WCA fieldwork. The photos can be inked to GIS features.

FUND(s)	Budgeted	Approved	Spent	Remaining	Spending Window	
1. 2010 Natural Resources Block Grant - Roseau (COUNTY	6,988.45	6,988.45	6,988.45	0.00	6/30/11	6/30/11
Totals:	**6,988.45**	**6,988.45**	**6,988.45**	**0.00**		

End of WCA program

End of 2010 Natural Resources Block Grant - Roseau (COUNTY) Sect