

Roseau COUNTY**Beginning of 2011 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	\$14,877.00	\$14,877.00	\$2,498.00
SSTS	\$9,931.00	\$9,931.00	\$0.00
Shoreland	\$2,652.00	\$2,652.00	\$2,652.00
WCA	\$23,830.00	\$23,830.00	\$26,790.00
	\$51,290.00	\$51,290.00	31,940.00

REQUIRED LOCAL LEVY

Required Local Water Management Levy for 2011 Natural Resources Block Grant - Roseau (COUNTY) = **\$2,498.00**

LIST OF MATCH FUNDS

FUND NAME	FUND YEAR	FUND TYPE	BUDGETED	APPROVED	SPENT
2011 Shoreland Inkind	2011	Local Inkind	\$2,652.00	\$2,652.00	\$2,652.00
2011 WCA Inkind	2011	Local Inkind	\$26,790.00	\$26,790.00	\$26,790.00
2011 Levy	2011	Local Cash	\$2,498.00	\$2,498.00	\$2,498.00
			\$31,940.00	\$31,940.00	\$31,940.00

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			

LWM Program*NRBG Program:***1. Project Name: 2011 LWM Admin***Module: Initiative**Reported By: Roseau SWCD**Initiative Type: Admin/Coordination**Initiative Year: 2011**Description:*

Review data from river monitoring; equipment support and calibration 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;

Actual Results:

Participated on three Watershed Project Work Teams; reviewed water monitoring data of surface waters; entered surface water data into MPCA database; calibrated equipment for River Watch; filed 9 well boring and sealing records; provided

use fairbooth for promote water conservation awareness to public, continue the filing of well sealing records from the MDH; write the newsletter, participate in watershed Project Work Team meetings

information to the public through website, fairbooth, phone and office visits regarding potable water, erosion, and conservation; conducted a ground water analysis for arsenic and a Nitrate Clinic for nitrate; and participated in training conferences, Plant Materials Tour, Invasive Species Traveling Workshop, and water management meetings. Administration included 128 hours for July through December 2011 plus 3000 miles of vehicle usage.

Administration for January 2012 through June 30, 2012 - 188.4 hours
Administration included website maintenance, reporting, newsletter writing and publishing, Envirothon support, rainfall network support, calibration of equipment for River Watch, support of well water analysis, participation in two watershed Project Work Teams, provide information to the public regarding ground and surface water, erosion and conservation, recertification for surface water monitoring, river monitoring for May and June, and well decommissioning practice admin.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	8,657.73	8,657.73	8,657.73	0.00	9/30/11	6/28/12
2. 2011 Levy	2,498.00	2,498.00	2,498.00	0.00	9/30/11	9/30/11
Totals:	11,155.73	11,155.73	11,155.73	0.00		

2. Project Name: 2011 LWM Groundwater Analysis

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Monitoring/Data Collection

Initiative Year: 2011

Description:

Well water will be analyzed on 50 wells for arsenic. A Nitrate Clinic will be conducted.

Actual Results:

25 wells were analyzed for arsenic in July and August of 2011. All 9 wells had arsenic levels that were below the state's recommendation of less than 10 ug/L.

17 well samples were submitted for nitrate testing during the Nitrate Clinic held in July 2011. Most samples registered zero. Two wells had nitrate levels below 2 mg/L. The state's recommendation level is less than 10 mg/L.

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

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	713.20	713.20	713.20	0.00	11/30/11	11/30/11
Totals:	713.20	713.20	713.20	0.00		

3. Project Name: 2011 LWM Surface Water Analysis

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Monitoring/Data Collection

Initiative Year: 2011

Description:

A State 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:

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 July through September, 2011. Field parameters observed were depth, dissolved oxygen, pH, specific conductivity temperature, 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. Rain gauge replacement parts were provided for rainfall monitoring network consisting of 36 people and agencies. Accurate and consistent rainfall data is used by the Climatology Office and National Weather Service for flood and drought prediction models.

2012 - Collected surface water samples in May and June from 10 sites (8 in Roseau River watershed and 2 in Lake of the Woods watershed). Field and lab parameters are the same as in the above paragraph. Monitoring data will be stored in MPCA's EQUIS database. The other 3 regular sites in Lake of the Woods watershed are being funded through the MPCA Surface Water Assessment Grant.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	2,994.51	2,994.51	2,994.51	0.00	12/13/11	6/28/12
Totals:	2,994.51	2,994.51	2,994.51	0.00		

4. Project Name: 2011 LWM Training & Education

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2011

Description:

Renew Certification to use MPCA sonde equipment for surface water monitoring. 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.

Actual Results:

January through June 2012
2582 newsletters were mailed. The high school Envirothon and River Watch were supported and aid was provided. A new website was established and maintained. Rainfall network paperwork was purchased and mailed. Rent for the 2012 fairbooth was paid. Recertification for use of MPCA sonde equipment was done, but not paid with LWM funding.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	1,042.87	1,042.87	1,042.87	0.00	1/19/12	4/23/12
Totals:	1,042.87	1,042.87	1,042.87	0.00		

5. Project Name: 2011 LWM Supplies

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Supplies/Equipment

Initiative Year: 2011

Description:

Equipment for river monitoring and GPS field work.

Actual Results:

2011
A water resistant calculator and an ArcPad License was purchased for LWM field work.

January through June 2012
SD cards were purchased for camera. A photo will be taken at monitoring sites during each event. Anticipate using SD cards for future culvert survey. Ten complete rain gauge sets were purchased for the rainfall monitoring network.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
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1. 2011 Natural Resources Block Grant - Roseau (COUNTY	727.44	727.44	727.44	0.00	12/13/11	6/27/12
Totals:	727.44	727.44	727.44	0.00		

6. Project Name: 2011 LWM Well Decommissioning

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Technical and Engineering

Initiative Year: 2011

Description:

Provide cost-share assistance for county residents that need to decommission abandoned wells.

Bruce Gunderson and Benjamin Calder are licensed well drillers that seal wells in Roseau County.

Contracts for well decommissioning include 2011-05, 2011-14, and 2011-15

Actual Results:

A total of three wells were decommissioned to prevent groundwater contamination. A licensed well driller was used to decommission each well.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	0.00	0.00	0.00	0.00		
Totals:	0.00	0.00	0.00	0.00		

7. Project Name: Well Decommissioning 2011-14

Module: Land and Water

Reported By: Roseau SWCD

Board Approval Date: 04/24/2012

Project Number: LWM 2011-14

Project Description: one well decommissioning

BMP INFORMATION:

1. Well Decommissioning-351 Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	257.50	257.50	257.50	0.00	5/8/12	5/8/12
Totals:	257.50	257.50	257.50	0.00		

8. Project Name: Well Decommissioning 2011-05

Module: Land and Water

Reported By: Roseau SWCD

Board Approval Date: 07/10/2012

Project Number: LWM 2011-05

Project Description: Well decommissioning for one well.

BMP INFORMATION:

1. Well Decommissioning-351 Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	283.75	283.75	283.75	0.00	6/29/12	6/29/12
Totals:	283.75	283.75	283.75	0.00		

9. Project Name: Well Decommissioning 2011-15

Module: Land and Water

Reported By: Roseau SWCD

Board Approval Date: 07/10/2012

Project Number: LWM 2011-15

Project Description: One well decommissioning.

BMP INFORMATION:

1. Well Decommissioning-351

Mapped = Yes

POLLUTION REDUCTION ESTIMATE(s)

None

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	200.00	200.00	200.00	0.00	6/29/12	6/29/12
Totals:	200.00	200.00	200.00	0.00		

End of LWM program

Shoreland Program

NRBG Program:

10. Project Name: 2011 Shoreland Admin

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Admin/Coordination

Initiative Year: 2011

Description:

Administration of County Shoreland Ordinance includes sewer/building 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.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	2,652.00	2,652.00	2,652.00	0.00	12/30/11	12/30/11
2. 2011 Shoreland Inkind	2,652.00	2,652.00	2,652.00	0.00	12/30/11	12/30/11
Totals:	5,304.00	5,304.00	5,304.00	0.00		

End of Shoreland program

SSTS Program

NRBG Program:

11. Project Name: 2011 SSTS Admin

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Admin/Coordination

Initiative Year: 2011

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 Shoreland was carried out and completed.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	9,931.00	9,931.00	9,931.00	0.00	12/30/11	12/30/11
Totals:	9,931.00	9,931.00	9,931.00	0.00		

End of SSTS program

WCA Program

NRBG Program:

12. Project Name: 2011 WCA Admin

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Admin/Coordination

Initiative Year: 2011

Description:

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. Review of tax forfeited lands and provide certification of wetlands to County Auditor will be done for wetland issues.

Actual Results:

Administration of the Wetland Conservation Act for Roseau County continues with various agencies and landowners throughout the County. We had 82 wetland related contacts that required technical assistance, and numerous contacts that assistance was provided through office or field visits, but no wetland issues were affected or impacted. Wetland issues that required a replacement plan were worked on for replacement of wetland through wetland banking credits. We had a restoration order issued for a violation, which was completed in spring. We have continued to work with owners of a wetland bank to monitor the bank and moved forward to enroll the remaining acres into the bank site. We have been working with a landowner for road mitigation banking credits in a new wetland bank allowing additional credits into the bank. Another application for a road mitigation bank was reviewed for future enrollment once its CRP contract expires. Administrative hours were 166 for July through December 2011. Vehicle mileage was 3700 @ 0.555/mile for 2011. Additional mileage is for July 2010 to January 2011 and January 2012 through June 2012. Secretarial support is \$130.34/month for 24 months.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	20,630.05	20,630.05	20,630.05	0.00	9/30/11	7/9/12
2. 2011 WCA Inkind	26,790.00	26,790.00	26,790.00	0.00	11/30/11	7/9/12
Totals:	47,420.05	47,420.05	47,420.05	0.00		

13. Project Name: **2011 WCA Education & Training**

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2011

Description:

Provide training for WCA administrator. Provide up-to-date WCA information to the public through Fairbooth at the county fair.

Actual Results:

We provided information at our County fair booth on any new information that pertains to the Wetland Conservation Act program. Attended multiple training meetings to keep up to date on wetland issues.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY)	467.47	467.47	467.47	0.00	8/2/11	7/9/12
Totals:	467.47	467.47	467.47	0.00		

14. Project Name: **2011 WCA Supplies**

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Supplies/Equipment

Initiative Year: 2011

Description:

Obtain a digital camera and equipment for WCA field work.

Actual Results:

A water resistant calculator and an ArcPad License were purchased for field work. Other field supplies were Field books, boots, bucket auger, shovel, Digital Camera, and vehicle file caddy.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
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1. 2011 Natural Resources Block Grant - Roseau (COUNTY	2,039.32	2,039.32	2,039.32	0.00	10/11/11	7/9/12
Totals:	2,039.32	2,039.32	2,039.32	0.00		

15. Project Name: 2011 WCA Newsletter

Module: Initiative

Reported By: Roseau SWCD

Initiative Type: Education/Information

Initiative Year: 2011

Description:

Actual Results:

Provide approximately 2600 mailings for residents regarding news about the Wetland Conservation Act. Mailings occur once a year.

<u>FUND(s)</u>	<u>Budgeted</u>	<u>Approve</u>	<u>Spent</u>	<u>Remaining</u>	<u>Spending Window</u>	
1. 2011 Natural Resources Block Grant - Roseau (COUNTY	693.16	693.16	693.16	0.00	3/13/12	3/30/12
Totals:	693.16	693.16	693.16	0.00		

End of WCA program

End of 2011 Natural Resources Block Grant - Roseau (COUNTY) Sect

Roseau COUNTY - WCA