

2009

Roseau River Watershed District
Annual Report



CHAIRMANS LETTER

To The Residents of the Roseau River Watershed District

The spring of 2009 brought challenges for the RRWD. The District was vigilant in it's efforts to minimize the damages caused by the spring runoff.

In 2009, the Roseau River Watershed started construction on the Hay Creek / Norland Project Phases I and III as well as construction of a farmstead ring dike. Phase II construction is scheduled to begin in 2010.

As we continue to move forward, the Roseau River Watershed District is currently involved in numerous projects that are being planned for future construction. These projects are very valuable in our efforts to reduce flooding within the watershed along with identifying and incorporating natural resource components within each project. The Project Team process has been beneficial in assisting the district in gathering all agencies and local landowners in a team effort to work together to achieve the same goals.

As 2010 approaches it is anticipated that this will be a busy year for project planning, construction and engineering for projects. As project teams are assembled and meet, we encourage your input. Contact a Board Manager or staff with ideas, concerns or suggestions.

Sincerely,
LaVerne Voll
RRWD Chairperson

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INTRODUCTION

WATERSHED DESCRIPTION

The Roseau River Watershed District (RRWD) is located in the northern part of the Minnesota portion of the Red River of the North. The District is bordered by Canada to the north, Warroad River and Rapid River basins to the east, the Red Lake River basin to the south, and the Two Rivers basin to the west.

The Roseau River Watershed encompasses an area of about 2,057 square miles in the U.S. and Canada. This drainage system is located in Northwestern Minnesota and South Central Manitoba, Canada and is part of the Red River Basin and the Hudson Bay drainage system. The outlet of the Roseau River into the Red River of the North is approximately 9 miles north of the International Border. Of the lands drained by the Roseau River watershed, 52% are in the United States and 48% in the Province of Manitoba, Canada. The RRWD is located entirely within the bed of glacial Lake Agassiz. Therefore, the topography is nearly level except for linear beach ridges that run through the basin.

The United States portion of the RRWD is approximately 1,147 square miles or 734,800 acres. Approximately 645,900 acres (88%) of the RRWD land is located in Roseau County with the remaining 88,090 acres located in the counties of: Kittson (2%), Lake of the Woods (5%), Beltrami (4%) and Marshall (1%). The upper portion of the RRWD comprising the headwaters and tributaries is fan shaped and the remaining portion is long and narrow like the neck of the bottle. The overall length of the basin is about 110 miles and the maximum width is 30 miles in the United States portion.

The RRWD is bounded on the East by the Warroad River Watershed, on the Southeast by the Rapid River Watershed, on the South by the Red Lake River Watershed and on the Southwest and West by the Two River Watershed. The International Border defines the northern boundary of the District.

2009 DISTRICT INFORMATION

BOARD OF MANAGERS

A Board of Managers governs the Roseau River Watershed District. The Board has five managers, four appointed by the Roseau County Board of Commissioners and one appointed by the Kittson County Board of Commissioners. The 2009 members were:

**CHAIRMAN -LAVERNE VOLL
35572 520th AVENUE
SALOL, MINNESOTA 56756**

**VICE CHAIRMAN- TODD MILLER
52630 COUNTY ROAD 2
WARROAD. MINNESOTA 56763**

**SECRETARY - LEROY CARRIERE
504 4th AVENUE NE
ROSEAU, MINNESOTA 56751**

**TREASURER-STEVE LEE
29743 COUNTY ROAD 10
BADGER, MINNESOTA 56714**

**MANAGER- ALLISON FRISLIE
3873 47TH AVE
LANCASTER. MINNESOTA 56735**

The Roseau County Board of Commissioners appointed Floyd Haugen in October, 2009 to manager position in place of Steve Lee.

The District Administrator is:

**ADMINISTRATOR - ROB SANDO
P.O. BOX 26
ROSEAU, MN 56751**

The Roseau River Watershed District office is located at 108 3rd Ave. SW, Roseau. The mailing address is PO Box 26, Roseau MN 56751. The phone number is (218) 463-0313, the fax number is (218) 463-0315 and the e-mail address is rrwd@mncable.net. Office hours are 8 a.m. to 4 p.m. Monday through Friday.

CITIZENS ADVISORY BOARD

To insure public input, the Managers have appointed a Citizens Advisory Board, pursuant to Section 130.D331 of Minnesota Statutes, who provide recommendations on matters affecting the Watershed District. The 2008 members were:

John Douglas
315 3rd Avenue NE
Roseau, MN 56751

Mitchell Johnson
HCR4
Roseau, MN 56751

Greg Halvorson
33911 State Hwy 310
Roseau, MN 56751

Myron Erickson
HCR4
Roseau, MN 56751

Ron Olson
HC 3, Box 37
Roseau, MN 56751

Wayne Trangsrud
35495 County Rd 113
Badger, MN 56714

Norman Flagstad, Jr.
RR2
Roseau, MN 56751

Ed Dunham
HCR3
Wannaska, MN 56761

Kenny Santl
49247 County Rd 12
Roseau, MN 56751

EMPLOYEES AND CONSULTANTS

The District does have a regular full-time employee and one permanent part-time employee. The office hours of the Roseau River Watershed is Monday through Friday 8 a.m. - 4 p.m. Citizens are encouraged to contact a manager, staff or the consultants at any time with their concerns or suggestions.

Administrator - Rob Sando

Administrative Assistant - Tracy Halstensgard

Attorney - Patrick D. Moren, Roseau

Accounting Firm – Drees, Risky, & Vallager, Ltd. – Crookston, MN.

MEETINGS AND OFFICE HOURS

The official office of the Watershed District is at 108 3rd Ave SW, Roseau, Minnesota. Office hours are 8 a.m. - 4 p.m., Monday - Friday.

The Board holds regular business meetings, on the **first Wednesday of each month, at 8:00 a.m.** All of the meetings held by the Roseau River Watershed are open to the public.

In 2009, the Board held 12 regular monthly meetings and 4 special meetings. The Board minutes have been filed with the Minnesota Board of Water and Soil Resources and the local Soil and Water Conservation District. They are available for inspection at these locations or by contacting the Administrator.

NON-DISTRICT MEETINGS

On December 3rd, 4th and 5th, 2009, Managers LeRoy Carriere, Todd Miller and Administrator Rob Sando attended the annual meeting of the Minnesota Association of Watershed Districts (MAWD) held in Alexandria, Minnesota. The district is a member of the MAWD which provides assistance on issues that affect watershed districts.

The Red River Watershed Management Board (RRWMB), created by a Joint Powers Agreement between nine member watershed districts provides funding assistance to member Districts. Steve Lee was the RRWD delegate to this Board in 2009. Manager Lee attended RRWMB meetings in 2009. The District also participates in a conference sponsored by RRWMB held in March of each year.

The Roseau River International Watershed (RRIW) was created in 2000 with representation from both the United States (Minnesota) and Canada (Manitoba). The group continues to meet to address water related issues and concerns within the Roseau River Basin. The two RRWD board members delegated to represent the RRWD in 2009 were Managers LaVerne Voll and Steve Lee.

BACKGROUND

ESTABLISHMENT

The Roseau River Drainage and Conservancy District, having been established by Order of the District Court, Roseau County, dated August 13, 1920, under the provisions of Chapter 13, Laws of 1919, Special Session. In 1963, the Governing Body of the Roseau River Drainage and Conservancy District having petitioned the District Court, Roseau County as authorized in Minnesota Statutes, 112.74 for the right to operate and exercise all the rights and authority contained in Sections 112.34 - 112.83 of Minnesota Statutes. The Court, having heard the evidence adduced by the petitioners in favor of granting their petition, did order on June 17, 1963 that from and after this date the, the Roseau River Drainage and Conservancy District and its Governing Board shall operate under and exercise all the rights and authority contained in Section 112.34 - 112.83 of Minnesota Statutes, known as the "Minnesota Watershed Act", and shall hereafter be a Watershed District in accordance with the terms and provisions of the said "Minnesota Watershed Act", and the County Board of Commissioners of Roseau and Kittson Counties having petitioned the Minnesota Water Resource Board on November 20, 1963, asking for a change in boundary, for a change in name of said District to Roseau River Watershed District, and to designate a place of business for the Watershed District, pursuant to the provisions of Minnesota Laws of 1955, Chapter 799, as amended, and the Minnesota Water Resource Board having held a hearing on February 19, 1964 in Roseau did order on March 18, 1964, the change in name of the Roseau River Drainage and Conservancy District to the Roseau River Watershed District, the City of Roseau to be the place of business of the Roseau River Watershed District, and did define the District's boundary.

The board of managers initially adopted an Overall Plan for the Roseau River Watershed District on August 18, 1964. The plan was submitted to the Minnesota Water Resource Board. The Minnesota Water Resource Board on April 20, 1965 approved the Overall Plan. In June of 2004 the Board of Managers approved an update of the overall plan and the plan is on file in the Roseau River Watershed office.

MISSION STATEMENT

It is the intention of the Board of Managers to manage the waters and related resources within the Roseau River Watershed District in a reasonable and orderly manner which will improve the general welfare and public health of the residents of the Roseau River Watershed District.

The Board of Managers accepts the responsibilities with which they are charged as a governing body by Minnesota Statutes. Said Board of Managers, in the conduct of the duties and responsibilities conferred upon them, do not intend to usurp the authority or responsibilities of other agencies or governing bodies, however, said Board of Managers will not avoid their responsibilities and obligations.

It is the stated intent of the Managers herein that no person shall be deprived or divested of any previously established beneficial use or right, by any rules of the District, without due process of law. All rules of this district shall be construed according to this intention.

DESCRIPTION OF PROGRAMS

The Roseau River Watershed District is established under and has the powers delineated in Minnesota Statutes Chapter 103D. The programs in place include a permitting authority for activities within the District that will impact the water resources of the District, establishment and maintenance of legal drainage ditches and the authority to implement and/or conduct other projects and/or programs to effectively manage the water resources of the District.

Overall Plan

In 2004 the district completed an updated version of the overall plan. This was a result of over 2 years of meeting with an overall planning work group. The updated version of the overall plan is available in the districts office for review or upon request. As the RRWD Board of Managers continue to work on effectively reducing flood damage reduction efforts, the Board of Managers will ensure that any future projects will follow the guidelines of their overall plan goals and objectives.

Mediation Process /Project Work Teams

In the early to mid 1990's, FDR projects in the Red River Valley were suspended pending completion of an EIS (Environmental Impact Statement). The report was challenged in state district court by the watershed districts' and the Red River Watershed Management Board. In 1997 the Minnesota Legislature authorized funding for a mediation process to attempt resolution of the disputed issues in the EIS.

The mediation was set up to seek resolution of the issues in a positive manner and allow for implementation of the most effective and environmentally friendly alternatives that would accomplish flood damage reduction. As a result of this process, goals, principles and strategies were addressed and agreed upon.

A comprehensive watershed planning process was developed. As a result each of the watershed districts of the Red River Valley have developed "Project Teams" comprised of various local, state and federal agencies, local landowners, watershed Board members, watershed staff and other local interest groups which assist the watershed with recommendations to the board of managers for various projects.

The RRWD Board of Managers utilizes the project team process quite extensively and currently has project teams for all of the proposed projects they are currently working on.

PROJECT STATUS

PROJECTS COMPLETED

Roseau River Dam

LOCATION: Roseau River, Section 32, T 159N, R 36W

DRAINAGE AREA: 52 Square Miles

FLOOD POOL:

Area - 375 Acres

Volume - 1,140 Acre-feet

PERMANENT POOL:

Area - 90 Acres

Volume - 240 Acres-feet

DESCRIPTION: This is a Department of Natural Resources, Section of Wildlife restoration project of an old wildlife dam within the Red Lake Wildlife Management Area. Floodwater detention benefits have been added to make it a multi-purpose impoundment.

Roseau River Wildlife Management Area

LOCATION: Pool #2 and pool #3 within the Roseau River Wildlife Management Area, tributary to the Roseau River, Northwest - Roseau County.

DRAINAGE AREA: Pool #2 - 175.5 Square Miles

Pool #3 - 197.7 Square Miles (Includes Pool #2)

FLOOD POOL:

Pool #2

Area - 4,900 Acres

Volume - 4,035 Acre-feet

(2.885 A.F. Permanent Drawdown)

Pool #3

Area - 4,100 Acres

Volume - 3,900 Acre-feet

(2,100 A.F. Permanent Drawdown)

DESCRIPTION: In August of 1986 the district entered into an agreement with the State of Minnesota to construct two emergency spill ways in the Roseau River Wildlife Management Area as part of a project undertaken by the Department of Natural Resources. The total project consisted of upgrading 26 miles existing wildlife dikes, replacing three outlet control structures and replacing three sheet pile emergency spillways. The floodwater retention benefits of the project include; a higher dike providing for a safer freeboard, emergency spillway redesign which allows for floodwater to be diverted through Pool #3 before entering into the Roseau River and an assurance of 4, 985 acre feet of permanent spring floodwater storage achieved through drawdowns prior to spring runoff.

COST: \$1,100,000.00 (Upgrade Dikes, Structures, and Emergency Spillways).

Roseau River Duxby Levee

This Corps of Engineers project was planned, designed, and authorized as a Channel improvement from Canada to the City of Roseau and included diking in Caribou and Dieter Townships.

The Corps started construction of the Duxby Levee feature independent of the rest of the Roseau River project in 1991. Construction was completed in 1992 and was finalized in 1993. FEMA DR #1288 indicated a repair was necessary after inspecting the dike at the west end of the levee. The RRWD Board of Managers completed the repair (DR #1288) on the duxby levee on the west end of the levee in 2006. Approximately 1,000 feet of the levee was repaired under DR 1288 which included the relocation of that portion of the levee and sloughing areas of the levee. The 2007 inspection showed the dike to be in good repair with minor alterations of the levee. Activities in 2009 were the required mowing.

West Interceptor Project

The West Interceptor Project is a multipurpose flood control and native prairie/wetland restoration project. This project provides flood relief to the City of Roseau and natural resource enhancements for the area. The City of Roseau petitioned the Roseau River Watershed Board of Managers in June of 2003 for the West Interceptor Project. The project received funding from the U.S. EDA., SBA and the State of Minnesota. The



total cost for completion of this project was just over 4 million dollars.

The project consists of the construction of a new 7.5 mile channel, 1 mile west of the City of Roseau, starting 2 miles south of Highway #89/MN Highway 11 to an outlet in the Roseau River approximately 5 miles northwest of Roseau. The project includes the conversion of approximately 595 acres of agricultural land to prairie lands, grasslands and wetlands.



The RRWD Board of Managers awarded the construction of the project to Gladen Construction of Laporte, Minnesota in the spring of 2006. Construction of the project began in July and was completed in November of 2006. In 2008 the RRWD Board of Managers closed out the project and the entire ditch was mowed. The 2009 inspection found the ditch to be in good repair.

PROJECTS UNDER CONSTRUCTION

The District has a number of projects in various phases of development. They are:

Palmville Project

The project is upstream of Roseau, the District's principal urban damage center. An informational meeting on a single wildlife pool design was held in 1992.

A Draft Preliminary Engineer's Report was completed in 1994. The project was in abeyance while the Corps of Engineers completed its Environmental Impact Statement on impoundment projects. The study was completed in 1995. In 1996, the District resumed its interest in developing the project as part of a basin wide flood control plan. Preliminary reports from information obtained during the April and May floods of 1996, suggested the project would have reduce the flow through the City of Roseau by four inches. Copies of the reports were sent to various DNR agencies for review. The MN DNR replied to the report stating that the proposed plan would impact the natural resource enhancements of the proposed area.

The District in the fall of 2006 hired Nate Dalager from HDR Engineering to coordinate the Project Team process for the project and to develop a preliminary engineering plan proposal for construction of a flood damage reduction and fen restoration project in



West Control Structure

the Palmville area. A petition was drafted to the Roseau County Commissioners for the project. A public hearing was held and the Commissioners accepted the project.

Holte Construction was awarded the bid for the project and construction commenced in the winter of 07, Spring 08. The project is about 95% completed and the district anticipates that it will be completed in the 09/10 season. Annual ground water monitoring continues during the growing season. We are in the 2nd year of monitoring.

Hay Creek Project

The District has initiated the Hay Creek Project, ordered an engineering study and purchased much of the land for the possible project in the early 1990's. These lands were on the market and some were likely to be planted to trees, which would have eliminated this site as a possible project. In 1993, the project was renamed (the previous name was the Lost River Project) and a Step 1 Submittal was made to the Red River Watershed Management Board. In 1994, a draft Engineer's Report was completed. In 1995, the project was released by the Corps of Engineers. In 1996, the District revised an expanded version of the project that provides increased storage capacity. This was done after a preliminary report on Norland's original design showed that while flows downstream, as well as the backwater effect in Roseau would have been reduced during the April flood, the project had a lesser effect on the higher flows associated with the May flood. In 1997 the District completed surveying the west side of the project's expanded version. The findings will assist in determining the extent of the backwater affect the area could experience.

Since the initial submittal of the project, the focus has changed for the project. The COE had been attempting a Section 206 (Aquatic Ecosystem restoration). Thus far the project has been delayed and the RRWD Board of Managers was informed in January of 2005 that funding for the project from the COE is currently non-available.

In the summer of 2006 the District hired Nate Dalager from HDR Engineering to coordinate and develop a preliminary engineering plan for the project. Numerous



meetings are being held and the District hopes to coordinate with Roseau County on their FEMA cleanout of the ditch, a coordinated plan to initiate the Hay Creek/Norland project in 2007. The District will look at pursuing purchase of additional properties through a grant through the State of Minnesota.

In 2008 the district purchased all of the properties along the corridor of Hay Creek that are required for the project as well as the properties required for the connection channel between the corridor and the proposed impoundment. HDR Engineering submitted preliminary plans and specifications to the US ACOE for permitting purposes and to the Roseau SWCD. The district is currently working on obtaining funding from the State of MN.

In 2009 the RRWD Board of Managers awarded the construction of Phase 1 (Hay Creek Corridor) and Phase 3 (Connection Channel) and Phase 2A (Outlet Structures). HDR

Engineering is primary engineer on the project and at the end of 2009 Phase 1 and 3 were approximately 95% completed and Phase 2A is 40-50% complete. In 2010 Phase 2 (Norland Impoundment) is anticipated to begin.

The Primary purpose of this project is to provide a 50% reduction in the 10-year and a 30% reduction in the 100-year discharges from the Hay Creek / Norland drainage area, contributing to the Roseau River at its confluence approximately 4 miles downstream of



the City of Roseau. In the Hay Creek Norland area alone, the flood damage reduction would include increased protection, less flood depth, and reduced flooding duration, directly improving 13,300 acres of agricultural land, 24 miles of roads, 131 miles of ditches and 27 culverts and bridges previously prone to flood damages.

PROJECTS UNDER INVESTIGATION

The District is and has focused primarily on ways to reduce damage from excess floodwaters. The District is continuing to investigate the possibility of identifying possible project areas upstream of Roseau (Beltrami Island State Forest), and in the old Roseau Lakebed as well as possible ways to increase the efficiency of discharges from the Roseau River Wildlife Management Area.

There continues to be ongoing investigations into the possibilities of flood storage through impoundments both upstream and downstream from the City of Roseau.

DRAINAGE SYSTEMS

Watershed Ditch No.1

This ditch is a one mile plus additional outlet for lands drained by Roseau County Ditch Number 16.

It is located on the west side of Sections 34 and 27, Dieter Township and drains lands in Dieter and Ross Townships. The 2009 inspection showed the ditch to be in good repair.

Watershed Ditch No.3

This ditch system consists of three laterals draining lands in Ross, Moose, Dieter, and Pohlitz Townships. In 1993, the ditch laterals did not function adequately during high water. A survey was ordered which showed; (1) Lateral 3 required spot cleaning, and (2) the downstream end of Lateral 1 required a bottom clean out. The work was ordered in 1993 and completed in 1994. The 2002 inspection with a representative from FEMA identified six approved sites that were in need of repair according to the FEMA disaster declaration #1419. The Board of Managers completed the repairs in 2006 that were identified under DR 1419 on Laterals 1, 2 and 3.

A survey was completed on Lateral 1 in the fall of 2005 and showed considerable amounts of sediment in areas along the ditch system as well as repair needed along section 32 of Dieter Township. After discussion, the RRWD Board of Managers decided that a repair and rebuild of said portion of the ditch would be needed. The Board indicated that with the required rebuild and repair is not within the FEMA scope of work and they will have to forego any approved FEMA monies for said rebuild. The construction for the repair and rebuild was completed in 2006. A segment of lateral 1 was completed in the fall of 2006 from County Road #10 south along the east side of section 32 of Dieter Township south $\frac{3}{4}$ mile. The described portion of the ditch was moved to the east approximately 65 feet in order to provide a 4:1 side slope along the township road to prevent sloughing that was occurring along the road. The 2009 inspection showed the ditch to be in good repair. Spraying was done by the County in areas identified by map.

In addition to the above referenced drainage systems, the Roseau River Watershed District is the legal Ditch Authority for three ditch systems that have been turned over to the Watershed for administration and management. They are:

State Ditch No. 51

Originally established by the State of Minnesota it consisted of 10 river cutoffs constructed in 1906-1907 time frame. In 1914 to 1918, the ditch was improved when the State of Minnesota dug the river channel from the Canadian border to and around the Roseau Lakebed. That expansion paralleled Cutoff Number 10 in Kittson County and followed the other cutoffs constructed in 1906 and 1907. In 1988, the ditch was expanded when Roseau County turned over the Roseau River and Roseau Lake portion of Judicial Ditch No. 61 and also turned over State Ditch No. 37 to the Roseau River Watershed District. Under Minnesota Statute Authority, these ditches were combined with State Ditch No. 51 at a hearing conducted on October 11, 1988 and continued and

concluded on November 1, 1988. The redetermination of benefits process found in excess of 9 million dollars in ditch benefits.

The 1989 inspection showed that the majority of the ditch was generally in very good condition along the majority of its length. The following work items were identified as necessary. Removal of two old abandoned bridges that obstruct flow, clean Cutoff Number 10, open ditch spoil banks through the Roseau River Wildlife Management Area (RRWMA) which obstruct the overland flow area, remove individual sandbars, remove tree debris, and finally remove the dredge spoil from the oxbows of the old cutoffs. As of December 31, 1995, the two abandoned bridges have been removed, Cutoff Number 10 has been cleaned from the south side, and all flow impeding sandbars downstream of Minnesota Highway No. 310 have been removed except for one in the RRWMA portion of the channel. (The recent years have been too wet to permit access). None of the oxbows of the old cutoffs have yet been opened. One additional bridge, at the upstream end of the original State Ditch No 51 has been identified as a flow obstruction. This bridge is in use so its eventual removal/replacement is a long-term goal. In early fall of 2002, an aerial survey was performed by JOR Engineering and a representative from FEMA which at that time showed the ditch to be in good repair. In 2006 an aerial survey was completed by office staff and a ground analysis was done by HDR Engineering. The RRWD staff applied to FEMA and received assistance for certain areas of removal and channel reinforcement.

Roseau County Ditch No. 16

This ditch located in Deter and Ross Townships, was turned over for administration and management to the Watershed District.

The 2009 inspection showed the ditch to be in good repair. There were repairs completed through DR 1648 in 2007. The repairs were sediment removal and rip rap. In the fall of 2009 Roseau County surveyed the ditch and will provide a report identifying any problem areas.

Roseau County Ditch No.8

This ditch located in Jadis and Stafford Townships, was turned over for administration and management to the Watershed District. The ditch capacity is under designed and past attempts to consider improvements have failed. In 2005 the RRWD Board of Managers directed JOR Engineering to do a complete survey of the ditch system, to determine the condition of the ditch system. The RRWD will be looking at the ditch system in the future for maintenance and repairs. In November of 2007, the district cleaned a portion of lateral 1 of Branch1. The ditch was partially cleaned and a culvert was replaced between sections 28 and 33 of Jadis Township. The ditch was also spot sprayed by the County where access was available. The 2009 inspection showed the ditch to be in fair repair.

ACTIVITIES REPORT

PETITIONS RECEIVED

The District did not receive any petitions for improvements or new projects in 2009.

PROGRAM ACTIVITY

Permits Issued:

The district has approved permits for installing culverts for field drainage crossings, ag-dikes and driveway accesses. Permits were also issued for tiling, ditch slope repair, ag-diking, and culvert replacement.

Data Collection:

The district utilizes staff gages at strategic locations within the watershed. These gages are read by volunteers and staff who read the gages when high water events occur. The collection of readings help the watershed determine the amount and timing of high water throughout the watershed.

Ring Dikes:

During the 2009 construction season the district completed the construction of one ring dike north of Badger, MN.

Staff:

The district staff attends required meetings on a regular basis. The Administrator attends regularly scheduled Red River Watershed Management Board meetings when necessary and facilitates the day to day operations of the district.

PROJECT ACTIVITY

In 2010, planned actions are:

Ditches

The ditches within the authority of the Watershed will be inspected and repaired as necessary.

West Interceptor

The RRWD staff will perform the necessary monitoring requirements and management activities as required by the COE.

State Ditch No. 51

The RRWD Board of Managers will continue to remove debris that obstructs the channel.

Hay Creek

The district will continue to actively pursue funding, continuing construction and monitoring of the project.

WD#3 Laterals 1, 2 & 3

In 2009 completion of the repairs on lateral 3, (culvert replacement) with 1830 disaster funds was accomplished according to FEMA guidelines.

Palmville Project

In 2010 finish the construction of the Palmville project and work with the PT on the continued development of a operating and maintenance plan for the project.

Duxby Levee

Conduct annual inspections with the COE and repair as needed. Also continue the ongoing annual maintenance of mowing of the dike.

Farmstead Ring Dikes

Work will continue to construct the requested dikes that have met the District's criteria for receiving cost share assistance. The district received a grant to construct 2 ring dikes for the 2010 construction season.

BUDGET

The budget adopted at the September, 2008 hearing for 2009 locally funded expenditures is as follows:

Administrative Budget

Managers per dieum & expense	\$ 17,500.00
Staff	\$ 81,000.00
Engineering	\$ 10,000.00
Payroll Expense	\$ 14,000.00
Mileage Reimbursement	\$ 14,000.00
Conferences & Meetings	\$ 5,500.00
Rent	\$ 8,500.00
Capital Outlay	\$ 12,000.00
Office expense	\$ 9,000.00
Insurance	\$ 15,000.00
Professional & Legal	\$ 15,000.00
Real Estate Tax	\$ 25,000.00
Association Dues	\$ 2,500.00

Total	\$229,000.00

Construction Budget

Red River Watershed Management Board	\$ 115,500.00
Roseau River Watershed District Const. Fund	\$ 115,500.00

Total	\$231,000.00

Recommendations for Changes in State Laws or Programs:

1. Continue the state assisted ring dike funded program. The program funding has been reduced annually and the needs for ring dikes have risen which results in a demand for assistance both in engineering and funding.

Financial Summary

This section summarizes the District's financial activity for 2009. The information provided in this section is a summary of the activity for the year. A detailed report of all activity within the respective fund accounts is available for review at the District's office. By law the Roseau River Watershed District is allowed to establish a number of funds for the purpose of carrying out their duties. To finance these funds the District levies an "ad valorem" tax, meaning in "proportion to the value," over the entire watershed district and is based on the property value, rather than benefits. The following is a brief summary of types of funds established and the ways they assist in carrying out the goals of the District.

Administrative Fund

This is the general operating fund of the District. The fund is set up for the purpose of providing for the general administrative expenses and for the construction and maintenance of projects of common benefit to the District. The levy to fund the Administrative fund may not exceed 0.048 percent of taxable market value or \$250,000, whichever is less.

Red River Watershed Management Board Construction Fund

This is established and used for the development of programs and projects of benefit to the District. The levy to fund the Red River Water Management Construction Fund may not exceed 0.0486 of the taxable market value of the property in the District. One-half of the levied funds received are sent to the Red River Watershed Management Board for programs and projects that have common benefit in the Red River Basin.

Other Income

This is other sources that are received by the District that include funds from grants and aids as well as reimbursement from other governmental agencies.

BASIC FINANCIAL STATEMENTS

The following pages are the basic financial statements proved by the District's account for the year (January 1, through December 31, 2009) as augmented with the Legal Compliance.

