

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD JANUARY 7, 1997**

Meeting called to order at 5:15 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Steve Erickson, Robert Severson, and Allison Frislie. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Dale Przekwas, Floyd Haugen, Mike Higgins, Greg Halvorson, and Leslie Hagen.

December's minutes will be approved at the February meeting

DELEGATES:

Dale Przekwas met with the Board to ask for assistance on designing and financing a ring dike at his farmstead in Section 22, of Jadis Addition Township. He also made a request on behalf of his mother, Marge Przekwas, to have the existing dike raised at her residence in Section 34. Pictures brought in by Mr. Przekwas from last springs flooding, show protection is needed for his well and drainfield. It was discussed that while the Board does encourage landowners to build ring dikes, they do not have a policy to participate in a cost share for the construction. Funds were committed to the Lins Ring Dike last year to provide a pilot project for the district. The Board is willing to advise him on the dike's design and will find out if money is available to individuals through a Flood Damage Reduction Grant. Engineer Anderson will inspect both proposed sights and make his recommendations.

Engineer Anderson reported the following:

STREAM GAGING - Board members were asked to review the gage status sheets and make recommendations on any sites that should be added or deleted. The majority of permanent gages still need to be installed before spring. In addition, it will be necessary to have a network of volunteers established to assist in reading the gages.

Work continues on obtaining funds for the District's attempt to create a basin wide Flood Control Plan. \$30,000.00 is suggested to help in developing a HEC 1 Model and GIS maps. A Flood Damage Reduction Grant for \$15,000.00 has been applied for and \$10,000.00 was requested from the RRWMB. Allison Frislie made a motion that the remaining \$5,000.00 be paid by the District, seconded by Steve Erickson. Carried - unanimous.

It was also suggested the Board consider digitizing existing soil maps. This would provide data on land use and assist in evaluating runoffs. Soil maps have been completed for most of Roseau County except for a small portion north of Roseau. Requests will be made to neighboring counties with lands in the district, for any soil maps they may have available. The approximate cost of digitizing information from the field sheets is \$15,000.00. The Board discussed approaching the SWCD to see if they would be interested in a cost share for the project. Kelman Kvien will make the request. A motion was then made by Allison Frislie to begin with digitizing 20 sheets, the cost is not to exceed \$200.00 per sheet, seconded Robert Severson. Carried - unanimous.

The following was reported for the RRWMB:

Kelman Kvien was asked to attend the annual North Dakota Water Resources Joint Board and RRWMB meetings on January 15, 1997 in Grand Forks. The RRWMB will have their regular meeting the morning of the 15th and the joint meeting will be held that afternoon.

The RRWMB made a contribution to the Red River Basin Board in the amount of \$49,550.00.

Susan Gilbert has been hired to publish the Red Board's own newsletter.

The Roseau River WD's request of \$10,000.00 for GIS maps and developing a HEC 1 model was approved.

Pelican River Watershed District is in the process of joining the RRWMB.

Each district is asked to review the proposed changes to the RRWMB "POLICY MANUAL". The RRWD has reviewed and approves these changes.

OLD BUSINESS:

The agreement with the Roseau River Wildlife Management Area regarding the drawdowns of Pools 2 and 3 was reviewed. The contract does allow the RRWD to request the pools be drawn down further in anticipation of a heavy spring runoff. With the amount of snow received already this winter the Board may need to make this request.

NORLAND - The final payment on the Contract for Deed with Curt and Diann Hauger has been made. The transfer of title is completed and all abstracts will be kept at Pat Moren's office.

Kelman Kvien purchased a \$100,000.00 CD at Citizens State Bank.

NEW BUSINESS:

Pat Moren chaired the following election of officers:

Motion by Steve Erickson to nominate Kelman Kvien Chairman, seconded by Robert Severson. Motion by Steve Erickson to cease nominations and elect Kelman Kvien Chairman, seconded by Allison Frislie. Carried - unanimous.

Motion by Steve Erickson to retain Allison Frislie Vice Chairman and Robert Severson Secretary/Treasurer for 1997, seconded by Allison Frislie. Carried - unanimous.

Motion by Allison Frislie second by Robert Severson to have the Roseau Times-Region as the official paper and Citizens State Bank and Border State Bank as the official depositories for the RRWD. Carried - unanimous.

Motion by Robert Severson to retain JOR Engineering, Inc., Attorney Patrick D. Moren, and Secretary Kathy Ross on a fee basis, seconded by Steve Erickson. Carried - unanimous.

Motion by Robert Severson to hire Coutts, Lucke, and Associates, LTD. to perform the annual audit, seconded by Allison Frislie. Carried - unanimous.

NEW BUSINESS continued:

Motion by Robert Severson to retain Farrell Erickson as delegate to the RRWMB, per diem for Board members shall remain the same as 1996, and the mileage paid reflect IRS standards, seconded by Steve Erickson. Carried - unanimous.

Secretary Ross was asked to check on prices of cellular phones and the cost of having the District's office phone reconnected.

At 7:00 p.m. the Board met with the Citizens Advisory Board Committee. Members of the Committee in attendance were John Douglas, Ernest Novacek, Myron Erickson, Ron Olson, Norm Flagstad, Jr., Manfred Holm, and Floyd Haugen. Others attending were County Commissioners Orris Rasmussen and Jack Stone, City Council members Terry Hanson and Randy Erdman, and Roseau City Planner Todd Peterson.

The purpose of this meeting was to ask for input from the Citizens Advisory Board on the direction the District should take for the upcoming year.

Engineer Anderson began with a summary of the Board's activities in 1996, especially those relating to the three floods experienced by the County. The District has established approximately 40 gaging sites. The data collected has been invaluable in providing information on how the present ditch systems work and what areas are in need of flood control. Funds have been requested to assist in developing a hydraulic model of the district, and the development of GIS and digitized soil maps. Designs on the Norland and Palmville projects are being reviewed so that when completed they will benefit the district's total flood control plan. The Board is also involved with the recently formed Flood Control Committee and continues to implement policies on ring dikes and culvert sizing.

Flow charts were shown on how floodwaters proceeded through the watershed district. Charts were also presented on the effects Palmville and Norland, if constructed, would have made particularly through the City of Roseau. There was discussion on some of the other perceived trouble spot from last years floods, namely Haycreek, the bridge at Ross, and the Beltrami Forest Area. All of these areas suggest the District has a problem with the quantity of water and it will take more than one technique to solve it.

The Board is aware of the increase in opposition to projects like Norland and Palmville. There was lengthy discussion regarding what needs to be done to gain local support. It was the consensus of the Advisory Committee the Board should get more information out to the public and take actions that will enable the District to progress from planning to actually completing a proposed project.

RECEIPTS

Citizens State Bank - interest Public Now Account	\$362.82
Marshall County - 1996 tax levy	135.62
Beltrami County - back pay (94 -95) state portion of SD #51	4,218.42
State of Minnesota - FEMA /Sprague Creek Weir	<u>2,919.00</u>
TOTAL	\$7,635.86

Motion by Robert Severson to pay the following bills, seconded by Allison Frislie. Carried - unanimous.

Curtis B. Hauger, Diann K. Hauger, and Citizens State Bank	
Final payment Contract for Deed - Norland	\$39,024.11
Leslie Hagen - snagging/sandbar removal	\$50.00
SD #51	8,225.00
	8,275.00
Roseau Times-Region - 1997 meeting schedule	63.00
True Value Hardware - supplies	3.04
RRWMB - tax levy share	41.73
OHMS - Work. Comp.	149.00
Kent J. Erickson - aerial slides "96" flood	825.00
Multi Office Products - supplies	115.44
City of Roseau - rent	200.00
Ron Beito - Animal Damage Control Fee	165.00
Patrick D. Moren - fees	1,369.50
JOR Engineering, Inc.	
General	\$4,391.96
Norland	1,583.06
Lins Ring Dike	79.50
Flood Channel	53.00
D #16	197.75
Steam Gaging	2,115.12
Copier Rent	50.00
	8,470.39
Kathy Ross - fees	308.14
Kelman Kvien - per diem, mileage, and expenses	1,180.91
Allison Frislie - per diem and mileage	78.69
Robert Severson - per diem, mileage, and expenses	568.42
Steve Erickson - per diem	50.79
Farrell Erickson - per diem and mileage	54.16
Citizens State Bank - 941 payroll tax	<u>190.78</u>
	\$61,133.10

Submitted by


Kathy Ross, Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD FEBRUARY 4, 1997**

Meeting called to order at 5:06 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, Farrell Erickson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Floyd Haugen, Gracia Nelson, Scott Habstritt, and Leslie Hagen.

Motion by Robert Severson to approve December and January minutes, seconded by Steve Erickson. Carried - unanimous.

DELEGATES:

Floyd Haugen was present to ask if the traps for Lateral 3 were repaired and what were the findings of the research being done on Lateral 2. Both laterals are part of the WD #3 system. Farrell Erickson informed him that the last time he spoke to Dennis Wahl he was still working on the traps. He will call again to see how the work is progressing. Engineer Anderson answered that he and his staff have been unable to begin the research due to the lack of time they have had during the last few months.

Mr. Haugen also told the Board he would be willing to volunteer his time to read the stream gages in his area. The Board reviewed the gage status sheets and assigned him sites 22, 23, and if needed, sites 25 and 26. Engineer Anderson is developing an instruction sheet for each gage and hopes to have them ready by next months meeting. There was discussion about placing additional gages along the river in Roseau to get a better profile through the city. More staff gages are needed. Kelman Kvien was asked to find a local business to make them.

Scott Habstritt presented the gaging information he had collected during last years floods at the Highway 310 bridge, and a copy of the elevations used for constructing the Habstritt Farms ag dikes. The Board thanked Mr. Habstritt for this information.

PERMITS:

A permit application was received from the Roseau County Highway Department to regrade the road in Sections 13, 24, and 25 of Reine Township. Culverts need to be replaced and this may give the Board the opportunity to down size culverts in the area. Motion by Farrell Erickson to table the permit until a further review of the culvert sizing can be done, seconded by Allison Frislie. Carried - unanimous.

Engineer Anderson reported the following:

Managers were asked to make the following correction to the handouts on culvert sizing; On page three, first paragraph, the cfs reduced in a 100 year flood at Roseau should be 6,500.

Engineers Report continued:

FLOOD CONTROL PLAN - Work continues on digitizing soil maps. 17 sheets have been scanned and the data is in the process of being labeled. The SWCD approved the District's cost share request of \$10,000.00. Rob Sando has asked to see some of the finished maps. These could be available by the next Flood Control Committee meeting. The DNR is providing assistance in assembling basic GIS information. They have hired help to organize data on land use, watershed boundaries, wetland inventories, streams and ditches, general soils, forestry information, FEMA floodplain, and photo imagery. Work on the HEC 1 model will start as soon as the FDR grant is approved. A new "user friendly" version of the model has been developed and will be used.

The SWCD will be assisting the District with stream gaging. This includes establishing a network of rain and snow gages and obtaining the information from the sites.

Kelman Kvien reported the following for the RRWMB:

The Board received requests for funding from the Boise de Sioux, Middle River Snake River, and Red Lake Watershed Districts.

There was discussion on the Legislative Review Meeting held January 28th. The RRWMB has requested compensation from the State for expenses incurred from the Environmental Impact Statement.

Engineer Anderson will give presentations on "Project Site Selection & Management Criteria" and "Application Of Known Factors In Selection & Design of Projects" at the March Conference.

The 1997 Legislative Breakfast is scheduled for March 14, 1997. Board Managers are encouraged to attend.

A mediation panel with members from the RRWMB and DNR has been formed. The goal of the panel is to set guidelines for processing permits that now need to meet the requirements of the completed EIS. Charlie Anderson is one of the RRWMB representatives.

A motion was made by Steve Erickson directing Attorney Moren to research the legal concerns relating to possible culvert sizing projects, seconded by Robert Severson. Carried - unanimous.

OLD BUSINESS:

Motion by Steve Erickson to approve the rates and call manager plan from Cellular One for the District's telephone, seconded by Allison Frislie. Carried - unanimous.

Kelman Kvien will contact Stan Wood at the February 17th Flood Control Committee meeting regarding the drawdown of Pools 2 & 3.

NEW BUSINESS:

Kelman Kvien reported that he and Charlie Anderson met with Layton Oslund regarding his opposition to the proposed Palmville project. The discussion was lengthy but helpful in determining what issues Mr. Oslund is most worried about. Namely, any projects that will retain water and having a dam close to his farmland. Engineer Anderson made the offer to show Mr. Oslund dams he has constructed and efforts will continue to help him understand the project better. Kelman and Charlie also had a similar meeting with concerned residents about the Norland project. This meeting too was lengthy but not as productive. There are a few individuals who are very adamant about the project not being built. This opposition has even prompted the Roseau County Commissioners to publicly state they do not support the District's plans to build retention projects.

The City of Roseau passed a resolution supporting the District's flood control efforts. Although the resolution is encouraging the Board needs to have a greater show of support from the public. Kelman Kvien suggested starting a petition in the area. It was agreed a petition would be used but there were concerns whether the petition's language should be in support of a specific project or a statement of support for flood control. It was decided the petition wouldn't be for a specific project. In addition, Managers will contact the Townships Boards in their vicinity requesting approval for flood control, and a motion was made by Allison Frislie to hold a special meeting on flood control February 17, 1997 at 5:00 p.m., seconded by Farrell Erickson. Carried - unanimous. A notice will be placed in the Times-Region.

There was further discussion on what direction the District should take regarding the Norland Project. The project's original design would be quicker and less complicated to construct. The expanded design allows for more storage but will require purchasing additional land and permits will be more difficult to acquire. Engineer Anderson will show graphs of the expanded version during a 100 year flood at the next Flood Control meeting. The Board did ask to him to come up with a comparison of the two plans.

RECEIPTS:

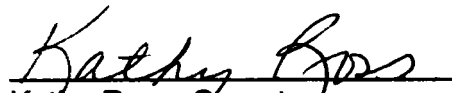
Citizens State Bank - interest Public Now Account	\$266.60
Roseau County - SD #51	\$4,664.35
WD #3	137.12
D #16	299.18
D #8	259.60
tax levy	2,210.46
	7,570.71
RRWMB - cost share assistance HEC 1 model & GIS maps	10,000.00
Kittson County - tax levy	6.00
Marshall County - tax levy	<u>19.83</u>
TOTAL	\$17,863.14

Motion by Steve Erickson to pay the following bills, seconded by Farrell Erickson. Carried - unanimous.

Leslie Hagen - SD #51		\$8,500.00
Postmaster - Roseau - stamps		32.00
RRWMB - tax levy share		688.85
Multi Office Products - supplies		12.67
Roseau County Highway Department - D #16	\$875.96	
WD #3	1,142.43	2,018.39
Patrick D. Moren - fees		718.75
JOR Engineering, Inc.	General	\$2,814.02
	Stream Gaging	1,267.20
	Palmville	240.00
	Copier Rent	25.00
		4,346.22
Kathy Ross - fees and supplies		528.43
Kelman Kvien - per diem, mileage, and expenses		595.63
Allison Frislie - per diem and mileage		144.36
Robert Severson - per diem and mileage		62.57
Steve Erickson - per diem		64.64
Farrell Erickson - per diem and mileage		138.78
Citizens State Bank - payroll taxes		206.88
City of Roseau - rent		<u>200.00</u>
TOTAL		\$18,258.17

Motion to adjourn by Steve Erickson second by Robert Severson.

Submitted by,


Kathy Ross, Secretary

**SPECIAL MEETING OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS HELD FEBRUARY 17, 1997**

At 5:17 p.m. the Board of Managers called to order the special meeting of the Watershed. Board members present were Kelman Kvien, Robert Severson, and Farrell Erickson. Watershed staff present were Eng. Charlie Anderson, Atty. Pat Moren, and Sec. Kathy Ross. There were 12 other people in attendance. A list of their names is attached to the original copy of the February 17th minutes.

In opening remarks Chairman Kvien explained the reason for this meeting was to request input from the public on what directions should be taken to identify and solve the floodwater problems in the district. In the past few months there has been an increase in opposition to water detention projects such as the ones proposed in Norland and Palmville Townships. This opposition has made it difficult for the Board to even begin establishing a plan for flood control.

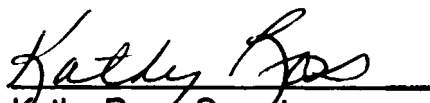
Engineer Anderson presented the hydrographs from last years floods. The data suggests it will take more than one technique to manage the volume of water experienced. This is why the Board has been concentrating its efforts on developing a plan to include the Norland and Palmville projects. In addition, the plan will incorporate culvert sizing, the use of ring dikes, and other proposed projects like the Roseau Lake Bottom and a diversion ditch north of Roseau. The meeting was then opened for comments.

The consensus of those present were they support the concept of flood control, but they do not support projects that would have standing water or DNR involvement. There was lengthy discussion that the Palmville Project would end up having some of the problems, real and perceived, that are associated with projects built at Moose Lake and Nereson. This view is causing rumors and misconceptions in the area. The Norland Project has its own set of concerns. Residents question the Board's motives in purchasing the land they intend to build the project on. They also question how the project would be controlled, if constructed. In response to some of these concerns, the audience was informed that Norland and Palmville are only proposed projects. It is required by law that certain procedures be followed before projects are constructed. All projects need to have an operational plan, and most important, public support.

The Board recognizes they need to provide more information to the people of the district and address each concern that is presented to them. Chairman Kvien thanked every one for coming to the meeting. Their comments and concerns are appreciated.

The meeting was adjourned at 6:32 p.m

Submitted by,


Kathy Ross, Secretary

Special Meeting

2/7/97

Name

Address

Phone #

Mike Higgins	Roseau	463-2073
Spencer Tice	Salad	463-3403
Robert Jensen	Wannaska, Minn.	425-7502
Vigeland Bros	Roseau	463-5058
Peter Lupton	Salad	463-1587
Rayton Oslund	Wannaska	425-7491
Wesley Reek	Shuttern	528-3762
Scott Halstath	Roseau	463-1193
Jack Swanson	Roseau	463-2691
Travis Nelson	Roseau	463-1421
Greg Rasmussen	Roseau	463-1486
Mike Gahr	Roseau	463-2559
Stan Wood		
Jim Pedersen		
Todd Petersen		
Scott Abbott		
Norm Hagstad		

Flood
Control
Mitg.

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD MARCH 4, 1997**

Meeting called to order at 5:09 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Robert Severson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Mike Higgins, Leslie Hagen, Floyd Hagen, Greg Halvorson, Dale Dahl, and Steve Dahl.

Motion by Steve Erickson to approve February minutes, seconded by Farrell Erickson. Carried - unanimous.

Motion by Farrell Erickson to approve the minutes of the special meeting held February 17th, seconded by Steve Erickson. Carried - unanimous.

DELEGATES

Steve Dahl and Dale Dahl are owners of 100 acres in Sections 8 and 9 of Reine Township. They are proposing to build a retention project in this area and are asking for information on designs and funding. Their intent is to have the project hold permanent water for wildlife ponds. They plan to do the excavation work themselves and would like the work completed this summer. In light of the recent opposition to retention projects, the Board is both encouraged and interested in their proposal. It was explained the cost of a project is determined by the drainage area involved and the storage capacity it provides. Other factors will be finding out if the area is classified as a wetland and the type. Dale Dahl stated a wetland determination of the area has yet to be made. Engineer Anderson will begin the work to develop a preliminary design concept. It was suggested the SWCD may be able to help with permitting, and with technical and cost share assistance. This may leave the District in a better position to participate in the local match of the project. Kelman Kvien will try to attend their next meeting to see if assistance is available. The Dahls will be contacted about future meetings with the Board.

Dale Drown, City of Roseau Superintendent, met with the Board to request support for the City's flood control measures. The City has been working with the Corps of Engineers on designing a temporary emergency dike that extends the existing dike on 3rd Avenue NE. It is hoped the plans will allow the structure to remain as a permanent emergency dike. Residence who will have the dike built on their property have been notified and all but one have given their approval. Engineer Anderson would like to inspect the area and review the dike's design. This inspection will help determine if permits need to be obtained from the District before construction begins.

Leslie Hagen presented his bill for work done on SD #51. The amount is listed under Bills.

PERMITS

Motion by Robert Severson to approve the permit from Stafford Township replacing the existing bridge in Section 24, with a new 3-span bridge, seconded by Farrell Erickson. Carried - unanimous.

Engineer Anderson reported the following:

FLOOD CONTROL PLAN - The District continues to make plans for the potential flooding through the City of Roseau and areas downstream. Research of the topographic maps north of the city, has found Highway 310 and subsequent roads to the northwest are obstructing water from following its natural watercourse to the old lake bottom. This suggests flood water levels in Roseau could be reduced by installing box culverts through Highway 310 and cutting additional roads to let flood water flow overland. The procedure would only be considered in the event of a flood emergency. The support and cooperation of several different agencies will be required. Meetings with emergency services personnel, County Commissioners, Township Officials, and MN DOT need to be scheduled as soon as possible. Landowners in the path way of the water also need to be informed and advance planning to ring dike their farmsteads will have to be made. Cost is another issue. Installation of culverts before summer is typically more expensive. At this time it is uncertain how many culverts would be installed and the number of roads that have to be cut. Possible funding sources discussed were F.E.M.A., MN DOT, and local shares from the City of Roseau, Roseau County, and the watershed. A motion was made by Steve Erickson directing Engineer Anderson to pursue support for this emergency flood plan, seconded by Farrell Erickson. Carried - unanimous.

The digitization of soil maps is expected to be completed within the next two weeks. The DNR has finished identifying sub watersheds and land use for the GIS maps. The gaging instruction packets should be available by the 17th. There are a few gages left to be installed and some sites still need observers.

The Board discussed if its necessary to improve the manner in which flooding is recorded. Last year the District collected a considerable amount of aerial slides and photos. However, the weather did not permit pictures to be taken each day of the event. Ideally having a sequential set of pictures every day of a flood's progression would be beneficial. The DNR is looking into what is available through satellite imagery and high level photography would be another option.

Board members were shown last years hydrographs from the Moose River, Thief Lake, and Elm Lake projects. It was argued by audience members at the Board's last meeting that Moose River had failed during the 1996 floods. In reviewing the data, the inflows and outflows show the project did the job it was designed to do. It also demonstrates the importance of not building projects "too small". The Board may want to consider organizing a tour of these areas for the landowners who oppose Norland and Palmville. This would provide them with a better understanding of how retention projects work and also clear up misconceptions about their being ineffective.

A motion was made by Farrell Erickson to schedule a special meeting of the Board with the Flood Control Committee on March 17th, at 6:00 p.m., seconded by Steve Erickson. The purpose of the meeting will be to discuss and coordinate plans for the potential flooding in the area. Carried - unanimous. A notice will be placed in the Roseau Times-Region.

Kelman Kvien reported the following for the RRWMB:

The RRWMB has sent out the first edition of its newsletter, "New & Views". Any comments and/or suggestions would be appreciated.

The Red Lake WD's request for funding to clean up the park in Thief River Falls was denied. Red Lake also requested funds for its Methyl Mercury study.

Boise de Sioux continues its legislative efforts that will allow them to begin collecting an ad valorem tax from four additional counties that are within their watershed district. Requests were made to County Boards in the RRWMB area for resolutions supporting their efforts. Kelman reported Roseau County's Commissioners have denied this request.

OLD BUSINESS:

Pat Moren reported that his research found there were no prior laws or cases on culvert sizing. The Board asked him to research laws on storm water utilities.

NEW BUSINESS:

The Flood Control Committee is planning to do a survey of the residence in the City of Roseau's floodplain and those who currently benefit from SD #51. The objective of the survey is to determine public attitude for flood control. A survey committee was formed to develop the questions. Members are Farrell Erickson, Mike Larson, Stan Wood, Scott Habstritt, and Orris Rasmussen. Kathy Ross will provide clerical assistance. A first draft of questions was sent out for review and comments. The committee hopes to have a survey ready for mailing by the end of March or early April. The preliminary cost of the survey is estimated at \$5,000.00. Postage and printing is the bulk of the expense. The Board feels the March mailing date may be too ambitious and recommends waiting until later this spring before distributing the survey. A project of this size and expense should be given more than a month's time to be developed. Paying for the survey is another concern. It was discussed the watershed should not be the only one providing funds. A request will be made to the County Board for cost share and expenses could be reimbursed from the Committee's Flood Damage Reduction Grant.

NORLAND - Kelman Kvien reported that all of Section 20 and parts of Section 19 and 21 are eligible for CRP sign up. He is waiting for clarification regarding if storing water is permitted on CRP acreage. This could affect the ability to do construction in the area.

CD #37935 renews April 4, 1997.

RECEIPTS:

Kittson County - SD #51	\$1,001.22
Citizens State Bank - interest Public Now Account	<u>150.81</u>
TOTAL	\$1,152.03

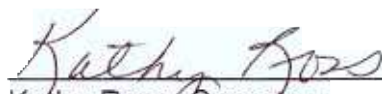
Motion by Steve Erickson to pay the following bills, seconded by Robert Severson. Carried - unanimous.

Leslie Hagen - SD #51	\$8,200.00
Sharon Roeschlein - staff gages	650.00
Border Agency, Inc. - excess liability insurance	1,484.00
City of Roseau - rent	200.00
Roseau Times-Region - notice in paper	8.00
Multi Office Products -supplies	41.68
Dan Fulton Accounting - accounting services	80.00
MAWD - 1997 Dues	1,022.13
Roseau County Treasurer - survey expense	114.76
MAWD - registration legislative breakfast	15.00
Patrick D. Moren - fees	812.50
JOR Engineering, Inc. General	\$2,107.08
Roseau Flood Plan	4,680.27
Stream Gaging	317.57
Norland	514.65
Copier Rent	25.00
	7,644.57
Kathy Ross - fees and supplies	769.97
(Annual Report \$58.18)	
(Flood Control Survey \$135.75)	
Kelman Kvien - per diem, mileage, and expenses	1,128.18
Robert Severson - per diem, mileage, and expenses	195.16
Farrell Erickson - per diem, mileage, and expenses	348.91
(WD #3 \$27.70)	
(Flood Control Survey \$66.15)	
Steve Erickson - per diem	50.79
Citizens State Bank - 941 payroll tax	302.18
Postmaster Roseau - stamps	32.00
Cellular One - phone	<u>84.14</u>

TOTAL **\$23,183.97**

Motion to adjourn by Farrell Erickson seconded by Steve Erickson.

Submitted by,


Kathy Ross, Secretary

**SPECIAL MEETING OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS HELD MARCH 17, 1997**

At 6:02 p.m. the Board of Mangers called to order the special meeting of the Watershed. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, Farrell Erickson, and Steve Erickson. Watershed staff present were Eng. Charlie Anderson and Sec. Kathy Ross. Others attending were members of the Flood Control Committee.

The purpose of the meeting was to discuss and coordinate plans for the potential flooding that is predicted next month. Chairman Kvien recessed the special meeting at 6:05 p.m. in order for the Flood Control Committee to conduct their scheduled meeting. A copy of their proceedings is attached to the original March 17th minutes.

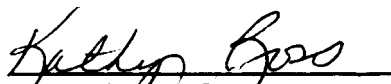
At 9:25 p.m. the special meeting was reconvened.

A motion was made by Steve Erickson to approve the District's share of funding for the Flood Control Committee's survey in the amount of \$5,000.00, seconded by Robert Severson. Carried - unanimous.

Motion by Steve Erickson, second by Kelman Kvien to approve permits from the City of Roseau for constructing temporary dikes in conjunction with existing dikes. The permits are subject to the following condition; if the dikes are to remain in place the loss of channel capacity will require mitigation. Carried - unanimous.

Motion to adjourn by Steve Erickson seconded by Robert Severson.

Submitted by,


Kathy Ross, Secretary

The Flood Control Committee met on March 17, 1997 at the Watershed Office in Roseau at 6:00 P.M.

Present were: Charlie Anderson, Roseau River Watershed Engineer; Kelman Kvien, Farrell Erickson, Robert Severson and Kathy Ross, Steve Erickson, Allison Frislief, representatives of the Roseau Watershed District; Norm Flagstad, City of Roseau; Scott Habstritt, area farmer; Stan Wood, Mike Larsen, Dan Thule, and Brian Dwight, DNR representatives; Mike Brandt and Dale Drown, of the City of Roseau; Todd Peterson, Roseau City Planner; Jim Peterson and Pat Benolkin, Polaris representatives; and Gracia Nelson, Roseau County Emergency Services Director. Also attending were Wesley Pesch, Tony Gust, Melvin Ellefson and Verland Orvis.

Minutes of the last meeting were read and approved

Old Business:

A report was given by the survey committee and a discussion on the survey followed. Some items talked about were: the need to enclose a definition sheet with the survey, the need to explain why a survey is being sent, the number of surveys being mailed, the cost of doing a survey and whether the townships should conduct the survey.

New Business

Brian Dwight discussed wetland restoration. He explained that wetland restoration is restoring wetlands back to their total functional value. The DNR uses aerial maps to see where wetland basins exist. He stated that there is a place in flood management for wetlands and that we should look at both multi-purpose reasons (for more funding) and flood control. We need to address the land use issue, identify which areas could be restored to wetlands. The Comprehensive Local Water Plan identifies wetland locations instead of types of wetlands. There was a question on the monetary value of holding water back upstream. The key is to release the water after flood danger is past. Brian stated that the Norland Project is a wetland restoration project not a wetland creation.

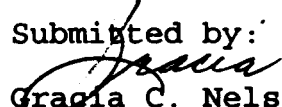
The Corp of Engineers was to be in Roseau on the 18th of March. The Corp will extend the dike on 3rd Ave. The City will furnish the clay and remove trees and the Corp does the work

The Moose River Project was discussed. Charlie stated in the 1996 spring flood the Moose River Project contained the water that it was constructed to contain.

There was also a discussion on what would effect cutting roads north of Roseau would have on the lake bed. Charlie said that it would make the river run faster, the water would not get quite as high and it would push more water down stream. Farrell and Allison agreed that the only effect they would have in their areas was that the water would get there quicker.

Our next meeting is scheduled for April 14, 1997 starting at 7:00 P.M. at the Roseau River Watershed meeting room. The agenda will consist of a report by the survey committee.

Submitted by:


Gracia C. Nelson
Emergency Services Director

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD APRIL 8, 1997**

Meeting called to order at 5:12 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Robert Severson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Stan Wood, Merlin Nelson, Greg Halvorson, Gracia Nelson, and Leslie Hagen.

Motion by Steve Erickson to approve March minutes, seconded by Robert Severson. Carried - unanimous.

Motion by Robert Severson to approve the minutes of the special meeting held March 17th, seconded by Steve Erickson. Carried - unanimous.

DELEGATES

Stan Wood, Manager of the Roseau River Wildlife Management Area, presented graphs on the water levels in Pools 2 and 3. The DNR has an agreement with the District to annually lower the operating levels of these pools to accommodate the spring thaw. With the high potential for flooding this year they have arranged to draw-down the pools by almost two feet. This will nearly double the agreements required 8,300 acres of storage. Pat Moren informed the Board that during the last City Council meeting there was discussion on how drawdowns at the Management Area, and Hayes Lake State Park effect flood water levels in Roseau. The Board asked if Stan would be willing to give similar presentations to the City Council and the Flood Control Committee. It was also decided to have an article in the Times-Region on the cooperation between the DNR and the Watershed with respect to their annual agreement.

Merlin Nelson was present to discuss the drainage problems he is experiencing on his property in Section 16 of Jadis Township. He explained water from the Highway 11 wayside rest and Pioneer Farm is draining onto his land because a neighbor has plugged the natural watercourse in the area. Engineer Anderson is to inspect the site. If he finds the drainage is being obstructed, a letter will be sent from Pat Moren's office informing the neighbor of the situation and the actions needed to correct the matter.

PERMITS

Motion by Steve Erickson second by Farrell Erickson to approve the permit from the Roseau County Highway Department to regrade CSAH #6 in Section 30 of Poplar Grove Township. The permit is subject to the district engineer's recommendation. Upon further discussion, the motion also includes guidelines relating to culvert sizes: The Board will approve permits that request an increase in the size of a culvert only if it is hydraulically proven the drainage area will benefit from the larger size. Projects that will replace culverts using the same size will not require this additional information. However, the Board may recommend the use of a smaller size culvert where applicable. Carried - unanimous.

Engineer Anderson reported the following:

FLOOD CONTROL PLAN - The planning meeting held with representatives from MN DOT, City of Roseau, Roseau County, Jadis Township, and Dieter Township was very successful. As discussed at last months meeting, it was vital these agencies work together to devise an emergency plan that would reduce the flood water level through Roseau. Two plans were developed utilizing the over flow area north of the city. Each plan details what roads would be cut allowing flood water to be routed to the lake bottom. Other matters discussed were the impacts each plan would have on the area, and at what flood stage in Roseau they would be implemented. Gracia Nelson informed the Board that Roseau County's Commissioners are opposed to any plans that involve cutting roads, and will not give her authorization as Emergency Services Director to take such action. It is their position the County would be liable whether roads were cut or not.

STREAM GAGING - Observers began recording gage readings along the Roseau River the first week in April. By the 5th there were significant jumps in the water levels at Wannaska, Malung, and the Center Street Bridge. The highest measurement in Roseau was 18.10 feet on Sunday, April 6. This was also the weekend the area experienced a spring blizzard. The freezing temperatures helped slow down the rise of the river and readings started to fall. The potential for flooding is still present. At this time it is difficult to determine the amount of runoff that was left before the water froze again. It is also uncertain what the effects will be from the storm's additional precipitation. The key gages to monitor once thawing begins are at Highway 310, Trangs-rud Bridge, Nystrom Bridge, Center Street Bridge, Malung, Pencer, Wannaska, and Beaver.

Farrell Erickson reported the following for the RRWMB:

Middle River - Snake River WD have submitted plans on the Angus Oslo retention project. The plans need to be reviewed before funding is approved.

Boise de Sioux WD is still working to gain support to collect taxes from the additional counties that are within its boundaries.

The annual RRWMB conference held March 20-21 in Thief River Falls was well attended. There were several topics discussed during the two day meeting and the information presented was both interesting and useful.

Red Lake WD is requesting funds for the next phase of the Parnell project.

The Board's next meeting is scheduled for April 15th in Barnesville.

Leslie Hagen presented his bill for work done on SD #51, the Roseau River at Malung, Beaver, and Jadis Townships, and Haycreek. The amount is listed under Bills.

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April 8, 1997

OLD BUSINESS

The SWCD has suggested Dale Dahl and Steve Dahl apply to the MN DNR - Division of Wildlife for assistance regarding the retention project they propose to build.

NORLAND - Kelman Kvien reported the land that was to go into CRP would become ineligible and subject to penalties if water was to be stored on it.

It was reported water was going over the road in Section 16 and 17 of Enstrom Township. This is the same area where the Township Board had requested the installation of a third culvert. The area will be inspected.

NEW BUSINESS

The time of the regular monthly meetings of the Board will be 7:30 p.m. May through October. A notice will be placed in the Roseau Times-Region.

There will be a Drainage Conference April 30, 1997 at the Best Western in Thief River Falls. Kelman Kvien will try to attend.

RECEIPTS

Citizens State Bank - interest Public Now Account	<u>\$123.94</u>
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TOTAL	\$123.94
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Motion by Farrell Erickson to pay the following bills, seconded by Robert Severson. Carried - unanimous.

Leslie Hagen - SD #51	\$6,675.00	
snagging/sandbar removal	\$1,050.00	\$7,800.00
Into Computers - software for gaging program		80.02
City of Roseau - rent		200.00
City of Roseau - survey expense		43.87
Roseau Times-Region - notice in paper		10.00
Wally's Supermarket - office expense		45.98
K.R. Thompson - Roseau County Atlases (9)		675.00
West Publishing Group - update Statute		739.00
Multi Office Products - supplies		12.67
OHMS - additional premium Work. Comp.		34.00
ICS Agency, Inc. - General Liability renewal		1,772.00
ICS Agency, Inc. - Public Officials renewal		2,310.00
Patrick D. Moren - fees		687.50

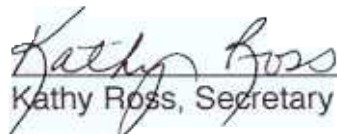
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BILLS continued:

JOR Engineering, Inc. General	\$2,329.22	
Roseau River Flood Plan	2,365.84	
Stream Gaging	4,246.64	
WD #3	169.90	
Copier Rent	25.00	\$9,136.60
Kathy Ross - fees, supplies, and mileage		666.57
(Survey \$146.84)		
(Gaging \$44.33)		
Kelman Kvien - per diem, mileage, expenses		1,865.08
(Gaging \$711.02)		
(Flood Planning \$283.08)		
Robert Severson - per diem, mileage, and expenses		876.55
(Gaging \$448.28)		
Steve Erickson - per diem		203.17
Farrell Erickson - per diem, mileage, and expenses		720.30
(Gaging \$276.30)		
(WD #3 \$115.53)		
(Survey \$131.34)		
Citizens State Bank - 941 payroll tax		464.51
Steve Erickson - mileage to Annual Conference		37.20
Association of Minnesota Counties - meeting registration		<u>25.00</u>
TOTAL		\$28,405.02

Motion to adjourn by Farrell Erickson, seconded by Steve Erickson.

Submitted by,


Kathy Ross, Secretary

**MINUTE OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD MAY 6, 1997**

Meeting called to order at 7:35 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Steve Erickson, Robert Severson, and Allison Frislie. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, and Sec. Kathy Ross. A large delegation from Jadis, Moose, Dieter, Pohlit, and Ross Townships were also present. Their names appear on a list attached to the original copy of the May minutes.

Motion by Farrell Erickson second by Steve Erickson to approve April minutes. Carried - unanimous.

The majority of people present reside north of Roseau and are experiencing overland flooding to their property. The order of the regular agenda was changed allowing Charlie Anderson to give his engineering report before the Board would hear from the delegates.

Engineer Anderson reported the following:

Preliminary hydrographs have been developed from data collected at gaging sites located in Beaver Township, Wannaska, Pencer East, Pencer West, and the Center Street Bridge. The hydrographs represent the amount of flow at each area. The Center Street graph shows a first peak at Roseau on April 7th with an estimated cfs of 3,600. This peak was dragged out during the following week when freezing temperatures all but stopped the rate of runoff and reduced the flood water level. Once melting resumed, the river peaked a second time on the 19th at about 4,300 cfs. The volume from both peaks was comparable to the amount of water during last years April flood plus half of the May flood. The other upstream graphs showed the south branch had the highest flows. Flows from the forest area contributed about one-fourth of the volume at Roseau, and levels at Wannaska were slightly higher than last April's. The city of Roseau was very fortunate because of the timing of the events. However, for areas north to the lake bottom, it didn't matter whether the snow melt was fast or slow, volume was the problem. The District is still gaging areas downstream and hydrographs will be available soon for Ross and Caribou. One particular problem is the rate of flow decreases by the time it reaches the outlet at Canada. This is because the river gets smaller as it leaves the district. Solutions need to be found that will move water off the area faster thereby reducing the impact to ag lands and farmsteads. Upstream storage, in the form of impoundments, can help some by controlling the flow of water to the lake bottom. Yet it will take a combination of flood damage reduction measures to provide a comprehensive flood control plan.

DELEGATIONS

Merlin Nelson asked if there was any water coming in from Canada. He was informed the district has a gaging site one mile south of the border at Sprague Creek. Engineer Anderson has flown the area and there is overland flooding. The volume that is contributed from the area is still being measured.

Steve Lee spoke for most of the people present about problems in the area of WD #3. Complaints have been made about the ineffectiveness of the system's laterals to provide adequate drainage. Once flood water has reached the area and spreads overland it takes weeks for it to drain to the river.

DELEGATIONS continued:

Residents would like the Board to look into a plan to rebuild County Road 112. It is felt drainage could be improved if the road was reconstructed to include a ditch on the north side and a floodway to the south. Richard Foss asked why a lateral couldn't be constructed to the Whitney Ditch (County Ditch 20). The ditch has very little water in it now while the area around it is flooded. This led to discussion on how projects are started. Most delegates were under the impression the district alone decides what projects are done. It was explained landowners who would benefit from the improvement or construction of a legal drainage system are the ones who need to initiate proceedings. Pat Moren read portions of Minnesota Statute Section 103E regarding the requirements for filing a petition and securing bonds. The petition requires the signatures of the majority of landowners in the area and a \$10,000.00 bond is specified to pay for costs in the event the proceedings are dismissed or if contracts cannot be let. Funding was also discussed. The Board was asked if they knew how much an improvement would cost. At this time it is difficult to give an estimate because cost is determined by the size of a project and the drainage it provides. The more complicated the design, the more expensive it will be. Kelman Kvien asked the audience to consider what flooding has cost them over the last two years. Funds may be available through one or more sources. Assessments are made against benefited lands, and cost shares with the County, the Watershed, and State agencies are other sources. Mr. Lee asked if this included the DNR. The Board is well aware some individuals are opposed to having the DNR involved. It is understandable a better working rapport needs to be established. However, the attitude of "no DNR involvement" is detrimental because it limits the landowners' options for obtaining valuable cost share assistance. The District currently has a contract with the DNR to lower operating levels in Pools 2 and 3 each year. It has been their experience the DNR has been very cooperative. As with any agreement it's necessary to find the common ground and make compromises. The Board suggests forming a small committee with landowners who are interested in pursuing plans for a possible improvement. This would allow for preliminary discussions on how to proceed on several issues such as permitting, design concepts, time tables, and costs. It is important that all involved have a good understanding of what can and cannot be accomplished.

Francha Rugland asked the Board "if the County can take actions that harm people". She was referring to improvements done by the Roseau County Highway Department on County Road 16. Ever since the work was completed two years ago she has experienced flooding to her property. She also mentioned there were 27 crossings filled along a 6 mile stretch of the road. In response, Engineer Anderson answered roads are not to be built for drainage but neither should the drainage be adversely effected.

Wayne Swisher questioned why the district doesn't cut down some of the larger trees along SD #51. It was explained the taller trees are beneficial in stabilizing the banks. When they are removed you get low growing shrub which can decrease the hydraulic capacity.

Chairman Kvien thanked the delegates for coming. Their questions and comments were greatly appreciated. The meeting was recessed at 9:05 p.m.

The meeting was reconvened at 9:20 p.m.

PERMITS

Motion by Robert Severson second by Farrell Erickson to return the permit application from Kittson County with a letter requesting them to resubmit the application using standard measurements, not metric. Carried - unanimous.

Motion by Allison Frislie second by Steve Erickson to table the permit application from Wayne Pearson until Engineer Anderson has had the opportunity to review the request. Carried - unanimous.

RRWMBREPORT

Farrell Erickson reported the RRWMB was unable to hold a meeting in April because of the flooding in the Red River Valley. He was informed by Susan Gilbert that Don Ogaard's home in Ada received extensive damage to its lower level. All of the photos and documents he had collected through the years on the Red Board's activities were lost. A request is being made to all watersheds to submit any pictures and/or articles they may have in an effort to rebuild his records.

OLD BUSINESS

DUXBY LEVEE - A motion was made by Farrell Erickson authorizing the Roseau County Highway Department to grate Roseann Lee's driveway four times a year as part of the maintenance of the project, seconded by Steve Erickson. Carried - unanimous.

Kelman Kvien had contacted the SWCD regarding assistance for Dale Dahl and Steve Dahl's proposed wildlife pond. They suggested applying to the DNR Division of Wildlife. A letter will be sent to the Dahls with the name and phone number of the agent to contact. The letter will also note the Board's continued interest in the project and to inform them of the DNR's response.

A complaint was received from Dan Wahling about his fruit trees being flooded from a neighbor's wildlife pond. The SCS office was asked to look at the area. Robert Severson will check with them to see what they were able to find out.

LINS RING DIKE - The specs have been redrafted and should be ready to let for bids next month.

ANNUAL REPORT - Secretary Ross reported a final draft will be ready for the Board to review at next months meeting. The report will not include the annual audit. The auditor's Grand Forks office was destroyed by the fire which occurred during the city's flooding on April 19th. All of the financial records for 1996 were in the office at the time. There has been no word from Bill Coutts but its presumed these records are gone. A financial statement of the District's disbursements and receipts will be substituted.

NEW BUSINESS

Kelman Kvien was contacted by Roseau County's acting Engineer Morris Hulst concerning a request by landowners to raise County Road #7. A letter was sent to Mr. Hulst stating it was the Board's consensus the road should not be raised. The issue would be placed on the May agenda and any formal action would be conducted at that time.

NEW BUSINESS continued

There was discussion on what authority the District may have regarding drainage in the area and what position should be taken with respect to raising the road. In 1996 the Board was contacted about water going over the road. It was said the water was coming from the Roseau River Watershed District into Two Rivers jurisdiction. A continual problem for both of the watersheds and the County has been records are unavailable on the road's elevations. It also appears there is an agreement made with Canada that would restrict raising the road. Again the documentation is poor. Engineer Anderson has seen documents concerning improvements made in 1980. The work was to be in compliance with conditions that were specified in 1964. Until elevations are found it will be difficult to come up with a solution. A motion was made by Allison Frislie that the historic overflow capacity of County Road #7 should be maintained, seconded by Steve Erickson. Carried - unanimous.

WD #3 - Farrell Erickson reported the incidents where traps have been tampered with has increased. Most recently a trap was removed from a culvert at lateral 3. There have been cables cut on a lateral 2 culvert, and on several occasions he has had to remove debris that was positioned to keep a trap from completely closing. Pat Moren was asked to research the law regarding this problem. He has found tampering with culverts is a misdemeanor punishable by a \$700.00 fine, 90 days in jail, or both. The biggest challenge the Board has is determining who has committed the violation. There usually are no witnesses. Pat advised once a violation is found or reported it should be turned over to the County Sheriff for criminal investigation. If there is sufficient evidence the case would be sent to the County Attorney's office for prosecution. Upon further discussion a motion was made by Steve Erickson to inform the public of the Board's intentions to seek prosecution of any persons tampering with or removing culvert traps, blocking culverts or any other manner interfering with or disrupting the legal drainage within the district, seconded by Allison Frislie. Carried - unanimous. A notice to the public will be published in the Roseau Times-Region.

A bill was received from Glaydon and Francha Rugland for \$30,200.00. This is the amount they feel is fair for renting their land to the District the past two years as water storage. A motion was made by Allison Frislie second by Steve Erickson to deny the payment. Carried - unanimous. A letter will be sent to Mr. and Mrs. Rugland informing them the District does not have a policy allocating funds for renting tillable land as water storage.

There was discussion on sending a letter to landowners in the Ross area asking for their assistance. The Board would like to know when they feel the river has receded enough so that it is confined to its banks. The purpose for obtaining this information is to help determine the amount of flow that can be put through at Ross without impacting their drainage. A motion was made by Steve Erickson to send the Ross area landowners a letter requesting their assistance, seconded by Robert Severson. Carried - unanimous.

David Dahlgren contacted Kelman Kvien about installing a culvert in Section 11 of Stafford Township. A determination will have to be made on the drainage area involved, size of the culvert, and if there is an adequate outlet. It also needs to be determined if the area is benefited by D #8.

Robert Severson is to contact Superintendent Dale Drown regarding a complaint from Greg Herling. He believes the improvements done last year to the surrounding neighborhood have effected the drainage on his property.

NEW BUSINESS continued

The ag lease with Scott-Kveen Seed Company will be renewed. Mike Higgins did request a change in language on the number of acres. Pat Moren will have a draft of the revised lease available at next months meeting.

Secretary Ross reported the District has had a substantial increase in its monthly expenses for April and May due to flood related activities. As a safeguard it may be necessary to take out a short term loan until tax levies are received in June. The closest renewal date on the District's CDs is in September. Motion by Steve Erickson to secure a short term loan if needed, up to \$20,000.00, seconded by Robert Severson. Carried - unanimous.

Greg Halvorson of the Jadis Township Board reported flooding has caused damage to a culvert in Section 26 of Jadis Addition. He would like to have the culvert replaced with a larger one to help improve drainage in the area. There was discussion that increasing the size of the culvert might not be the right answer. Engineer Anderson is to look at the site and will make recommendations on replacing the culvert. A motion was made by Robert Severson to replace the damaged culvert in Section of 26 Jadis Township based on the recommendations of the district's engineer, seconded by Farrell Erickson. Carried - unanimous.

Roseau County passed a resolution approving the District's request for funds to scan soil samples that will be used for the GIS maps. \$2,000.00 was allocated from the Comprehensive Local Water Plan.

A Protected Waters General Permit was received from the DNR authorizing repair or replacement of structures damaged by the 1997 floods.

RECEIPTS

Beltrami County - 1996 tax levy	\$2.51
Citizens State Bank - interest on CD 37935	2,921.97
Citizens State Bank - interest on CD 38350	5,899.84
Citizens State Bank - interest Public Now Account	<u>111.48</u>

TOTAL	\$8,935.80
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Motion by Farrell Erickson to pay the following bills, seconded by Robert Severson. Carried - unanimous.

Multi Office Products - supplies	\$9.48
Cellular One - phone	99.86
Roseau School - survey expense	42.00
City of Roseau - rent	200.00
Postmaster Roseau - stamps	55.00
Randy Erickson - Animal Damage Control Fee	525.00
Patrick D. Moren - fees	562.50

BILLS continued

JOR Engineering, Inc.	General	\$766.30	
Roseau River Flood Plan		3,490.50	
1997 Spring Flood Work		14,918.03	
Lins Ring Dike		165.00	
Copier Rent		25.00	\$19,364.83
Kathy Ross - fees and supplies			920.78
(Survey \$88.66)			
(Gaging \$179.13)			
Kelman Kvien - per diem, mileage, and expenses			1,374.71
(Flood Planning \$329.08)			
(Gaging \$882.14)			
Steve Erickson - per diem			50.79
Farrell Erickson - per diem and mileage			1,245.10
(Gaging \$1,098.88)			
(Survey \$80.55)			
Allison Frislie - per diem and mileage			157.38
Postmaster Roseau - survey expense			30.00
Robert Severson - per diem, mileage, and expenses			1,002.50
(Gaging \$786.26)			
Citizens State Bank - payroll tax			533.66
Roseau County Treasurer - 1997 property taxes			<u>9,804.00</u>
TOTAL			\$35,977.59

Motion to adjourn by Robert Severson, seconded by Farrell Erickson.

Submitted by,


Kathy Ross
Secretary

Roseau River Watershed District

Regular Meeting May 6, 1997

Name	Address	Phone #
✓ Rick Icham	Ross	463-1998
Greg Halverson	JADI's	463-1486
✓ Ardmare Haugen	Dieter	463-1634
✓ Brent Haugen	MOOSE	528-3535
✓ George Wellen	Moose	528-3798
✓ Wayne Swisher	Badger mn.	528-3718
✓ [unclear]	Badger	463-1666
✓ [unclear]	Badger	528-3784
✓ Steve Lee	Badger	463-3620
Chris Linn	Badger	528-3784
Cory Linn	Badger	528-3784
✓ Warren Stoe	Roseau	463-2112
✓ [unclear]	Roseau	463-5058
✓ Welford Nelson	Badger	528-3772
✓ Phil Johnson	"	463-1187
Mike Higgins	Roseau	463-2073
✓ [unclear]	Roseau	463-3823
✓ [unclear]	Roseau	463-3823
Mary Norseth	Badger	528-3768
✓ [unclear]	Badger	" - "
✓ [unclear]	Roseau	463-2438
✓ Jimmie [unclear]	Roseau	463-1631
✓ [unclear]	Roseau	463-2438
✓ [unclear]	Roseau	463-2438
Denise Strandlund	" "	463-1227
✓ [unclear]	Roseau	463-3263

Henry Stoe

14 Ralph Erickson

17 Albert Lee

Charles Erickson

Wayne

Travis

18 Glen

Annesen

Flora

Haugen

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD JUNE 3, 1997**

Meeting called to order at 7:38 p.m. by Chairman Kelman Kvien in the office of the watershed at City Hall. Board members present were Kelman Kvien, Steve Erickson, Robert Severson, and Farrell Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Greg Halvorson, Floyd Haugen, Dale Dahl, Stephen Dahl, Wayne Trangsrud, and Les Hagen.

Motion by Robert Severson second by Farrell Erickson to approve the May minutes. Carried - unanimous.

DELEGATIONS

Dale Dahl and Stephen Dahl presented an alternate plan for their proposed wildlife pond in Section 8 of Reine Township. They informed the Board they are working on acquiring an additional 120 acres that would allow the project to have a second dike and a second spillway. Dave Bennett, DNR Wildlife, was contacted and has expressed interest in the project. He made the following recommendations.

1. Have a wetlands determination made of the area. Dale Dahl said he has spoken with Scott Johnson at the SCS office and he doesn't foresee any problems.
 2. Have the watershed district estimate the cost of the project. This would involve determining the capacity provided, the type of dike(s) to put in, soil surveys, obtaining any necessary flood easements, and developing a maintenance plan.
- Mr. Bennett also said he would be willing to talk with the Board. Another request made by the Dahls is to run a ditch along their property in an effort to dry up the land before construction would begin. If the project did not go through the ditch would be plugged. They are still willing to do the excavation work themselves but are not interested in constructing the spillway(s). The Board did ask Dale and Stephen to keep them informed on the wetlands determination. It was also discussed that having before and after pictures would be beneficial.

PERMITS

Motion by Steve Erickson second by Farrell Erickson to approve the permit application from the Jadis Township Board relocating a culvert one-fourth of a mile south from its present location between Sections 34 and 35. The culvert is non-functional and is causing flooding at Charlie Viken's residence. Carried - unanimous.

The permit application from Steve Lee to construct a dike is tabled until Engineer Anderson can inspect the site.

Motion by Robert Severson second by Steve Erickson to approve the permit application from Wayne Pearson to install a driveway access in Section 25 of Falun Township. Carried - unanimous.

Motion by Farrell Erickson second by Steve Erickson to approve the permit application from Glaydon Rugland to replace the current 24 inch culvert with a 36 inch culvert. The request to install a trap on the culvert is tabled until it can be determined what impact it would have on adjoining lands. Carried - unanimous. Greg Halvorson, Jadis Township Board, said he will contact the landowners in the area.

Motion by Farrell Erickson second by Robert Severson to approve the permit application from the Kittson Highway Department to replace the existing bridge with 2 lines 10 x10 prec. con. box culverts, between Sections 13 T163N R 45 W and 18 T163N R 44 W. Carried - unanimous.

PERMITS continued:

A letter will be mailed to the Roseau County Highway Department regarding their permit application to reconstruct CSAH#27. The permit will be approved if the following changes are made:

Station 89+21 Field Entrance Lt	15"
Station 90+40 Field Entrance Rt	15"
Station 98+68 Field Entrance Lt	18"
Station 111+60 Field Entrance Lt	18"

If unacceptable, the letter requests the County provide a hydraulic analysis indicating that larger pipes are necessary.

Motion by Farrell Erickson second by Steve Erickson to table the request from Ardmore Haugen to install a culvert and trap until Engineer Anderson has had the opportunity to review the permit application. Carried - unanimous.

Engineer Anderson reported the following:

LINS RING DIKE - Ron Adrian has updated the sections on wages and the project is ready to be advertised for bids. Notices will be put in the Roseau Times-Region, The Tribune, and the Construction Bulletin. Bids will be opened at the next Board meeting on July 8, 1997 at 8:00 p.m. *le*

Farrell Erickson reported the following for the RRWMB:

An attempt is being made to develop a procedure for selecting projects that are submitted to the Red Board for funding. Handouts were given to the Managers for input on an additional process for evaluating projects. The handout suggests forming a Technical Advisory Committee that would develop general project and program criteria for funding eligibility. Upon further review a motion was made by Robert Severson second by Farrell Erickson to approve this procedure with the following changes. Carried - unanimous.

Under paragraph B., the RRWD recommends changing written evaluations to having group discussions in order to form a consensus on a project.

Under paragraph 2., the "Peer Review Committee" is changed to "Agency Review Committee".

The next Board meeting is tentatively scheduled for June 17th. The location has yet to be determined.

Funding was approved for part two of the Angus Oslo 4 project and the next phase of the Parnell project.

The Buffalo-Red WS presented an update on the projects being done in Moorhead, Hawley, and Dilworth.

There was discussion on MnDot's proposal to implement guidelines for projects that would involve watershed districts. Engineer Anderson was asked to review the agreement.

OLD BUSINESS:

Robert Severson reported the complaint from Daniel Waling will be settled by the County Board.

Pat Moren presented the revised ag lease with Scott-Kveen Seed Company. A motion was made by Steve Erickson second by Robert Severson to approve the lease. Carried - unanimous.

OLD BUSINESS:

No action will be taken on the complaint from Bob Phillipe. He contends his land shouldn't be in the jurisdiction of the Roseau River Watershed District. This is a reoccurring complaint with Mr. Phillipe. He has been well informed by the Board about the procedures necessary to have his land removed.

NORLAND - Surveying on the expansion will begin when possible. Mike Higgins has given the Board permission to go on his fields. This should be done within the next three weeks on fields with small grains and canola. Surveying on bluegrass fields will have to wait until after harvest which is about the 20th of July.

AUDIT - Sec. Ross was contacted by Coutts, Lucke, & Associates. They are temporarily using office space at the University in Grand Forks and will be able to complete the district's audit despite losing everything this spring.

NEW BUSINESS

Farrell Erickson brought up the subject of the District hosting a Drainage Conference for area residence the end of July. The Board discussed that while its a good idea the timing of the event may conflict with farming schedules. Possibly later in the fall or early winter may be a better time.

Kelman Kvien received a complaint from Robert Lee that ditching is being done again on the land owned by Bernie Anderson. Research of previous minutes found that back in 1985, Mr. Anderson had begun ditching with out a permit from the district. 1 1/2 years and several meetings later, the District and Mr. Anderson did reach an agreement. Mr. Anderson has recently passed away so it is unclear who would be ditching the land. The Board directed Engineer Anderson to look at the area.

The MAWD Summer Tour is June 20, 1997 in Marshall.

BWSR has student interns available for summer work. Charlie Anderson will look at the information.

Les Hagen presented his bill for work done on SD #51 The amount is listed under Bills.

RECEIPTS:

Lake of the Woods County - SD #51	\$617.52
Citizens State Bank - interest Public Now Account	54.43
Roseau County - 97 tax levy	\$55,804.72
SD #51	40,755.40
WD #3	2,002.70
D #16	583.81
D #8	2,959.06
	<u>102,105.69</u>

TOTAL	\$102,777.64
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Motion by Steve Erickson to pay the following bills, seconded by Farrell Erickson. Carried - unanimous.

Les Hagen - SD #51	\$150.00
Stuart Nelson - brushing/snagging	1,250.00
Border Agency - renters insurance	183.00
Cellular One - phone	153.29
Multi Office Products - survey expense	42.07
Wahl Bros. - WD #3	595.00
Quality Printing - survey expense	679.47
Roseau County Highway Department - WD #3	105.44
O'Neil Foster - Animal Damage Control Fee	255.00
Mark Beito - Animal Damage Control Fee	180.00
Ron Beito - Animal Damage Control Fee	180.00
Byron Dahl - Animal Damage Control Fee	150.00
Jason Monsrud - Animal Damage Control Fee	570.00
Raynold Monsrud - Animal Damage Control Fee	585.00
Patrick D. Moren - fees	875.00
JOR Engineering, Inc. General	\$2,002.58
Roseau River Flood Control	2,590.30
97 Spring Flood Work	3,618.95
Lins Ring Dike	132.00
Copier Rent	25.00
	8,368.83
Kathy Ross - fees and supplies	1,814.26
(Survey \$171.77)	
(Gaging \$22.14)	
Kelman Kvein - per diem and mileage	111.81
Robert Severson - per diem and mileage	254.63
Steve Erickson - per diem	50.79
Roseau Times-Region - notice in paper	34.00
Farrell Erickson - per diem and mileage	561.09
(Survey \$131.34)	
(Gaging \$289.10)	
Postmaster Roseau - stamps and postage	35.00
Citizens State Bank - 941 payroll taxes	268.82
City of Roseau - rent	<u>200.00</u>

TOTAL **\$17,652.50**

Motion to adjourn by Robert Severson second by Steve Erickson.

Submitted by,


Kathy Ross, Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD JULY 8, 1997**

Meeting called to order at 7:30 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Robert Severson, Steve Erickson, and Allison Frislie. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Leslie Hagen, Darryl Mickelson, Lorris Erickson, Einar Karlsson, Rosalie Isham, Rick Isham, Dale Dahl, Stephen Dahl, Floyd Haugen, Mike Higgins, Gracia Nelson, and David Dahlgren.

Motion by Farrell Erickson second by Robert Severson to approve June minutes. Carried - unanimous.

DELEGATIONS

Einar Karlsson, representing the Stafford Township Board, was present regarding the submitted permit application to regrade the road in sections 9 and 10. It is the intention of the Township Board to raise the road where water runs over it in the spring or after a heavy rainfall. Mr. Karlsson also asked about having a culvert installed in this area. It was suggested that regrading the road alone may solve the problem. However, the Township may submit another application for a culvert. Motion by Steve Erickson second by Robert Severson to approve the permit application from the Stafford Township Board regrading the road in sections 9 and 10. Carried - unanimous.

Lorris Erickson met with the Board to discuss constructing a ridge on the north side of Section 35 of Stafford Township. The ridge and a subsequent crossing with a culvert, is needed to help him access his field. He said he plans to build the ridge with dirt left from where the township has cleaned its ditches. There was further discussion on the size of culvert to install, whether it should be gated, and the height of the ridge. The Board recommended not having a gate on the culvert. Mr. Erickson was given a permit application and the following permit will be issued upon receipt of the completed form. Motion by Farrell Erickson second by Steve Erickson approving the permit application from Lorris Erickson to construct a ridge and crossing in Section 35 of Stafford. The permit is subject to the following conditions:

1. A 24 inch culvert is to be used
2. The culvert will be ungated.
3. The height of the ridge must be 12 inches below the crown of the road.

Carried - unanimous.

Darryl Mickelson questioned how the district assesses taxes. He asked the Board why he is being taxed on State Ditch 51, isn't it considered part of the Roseau River? It was explained he isn't paying taxes on the river, but is being assessed as a benefited area on the portion of the river that was actually ditched.

Other questions he asked related to the Norland project. He wanted to know if any of the State Ditch 51 taxes will go to pay for the Norland project and if the residents of the area get to vote on the project being done or not. The answer to the first question was "no", State Ditch 51 taxes will not be used to pay for the project. Secondly, a vote is not a requirement to have a project completed. It was expressed that public support is very important.

As noted in the June minutes, the Board of Managers would open sealed bids for construction of the Lins Ring Dike at 8:00 p.m. The following bids were received:

Plummer Excavating, Inc
P.O. Box 38
Plummer, MN 56748

Graff Construction
P.O. Box 36
Greenbush, MN 56726

Total - \$21,766.00
Bid Bond - 10% of total

Total - \$16,333.25
Bid Bond - 10% of total

Motion by Allison Frislie second by Farrell Erickson to accept the lowest bid from Graff Construction. Carried - unanimous. Engineer Anderson will send out the Notice of Award and arrangements will be made to have before, during, and after pictures taken of the project.

DELEGATIONS continued:

Rick and Rosalie Isham met with the Board regarding plans to protect their farmstead in Ross Township which has experienced excessive spring flooding the past two years. Mr. Isham had contacted the district about building a ring dike after the '96 floods. Now, after this years flooding they are considering raising the foundation on their house by 2 feet. Engineer Anderson has discussed this alternative with the Ishams and believes this would provide better protection than a ring dike. The area involved is approximately 350 square feet. Estimated cost of bringing in fill to build up the yard and raising the home on blocks is between \$5,000 and \$6,000. The area also has a spoil bank along the river that impedes the flow. Removing the spoil would allow Ishams to use some of the fill for their project, improve the water flow, and help stabilize the bank. While a permit would not be required, it was suggested the Board may want to participate in a cost share. This would provide the district with another demonstration project similar to the Lins Ring Dike. There was further discussion funds from SD #51 or D #16 improvements could be used. There is about 3,000 yards of dirt to remove, costs run between \$1.00 to \$1.50 a yard. Motion by Allison Frislie second by Steve Erickson to remove 3,000 yards of dirt, cost not to exceed a \$1.50 a yard, for the purpose of stabilizing the bank along the portion of the Roseau River in Ross Township. Carried - unanimous.

Dale and Stephen Dahl presented copies of the responses received from the DNR, SWCD, and COE regarding their proposed water retention project. The DNR determined the project would not need a protected waters permit. However, the project will need a DNR dam safety permit if any of the dikes and/or control structures are six feet or higher. The SWCD found the project would not be eligible for any new wetland credits. In addition, mitigation would be required because the dikes would be constructed on wetlands. Replacement of the affected area would need a 2:1 match. The COE acknowledged receipt of the application, but were waiting for the required formal approval from the DNR for them to do work on the State land. They also requested more information and listed specific issues that needed to be included for their review. The Board asked the Dahls to keep them informed on the projects progress.

Mike Higgins inquired about the progress of the Norland project. He was informed the survey crew would be in Roseau next week and they will start surveying on the CRP lands.

Farrell Erickson reported the following for the RRWMB:

The meeting with MnDot on the Memorandum of Understanding has been scheduled for July 11th, at 10:00 a.m., in Fertile MN.

Willard Brunelle with the Rural Life Outreach of NW MN gave an interesting presentation on recovering from a disaster.

Dan Thul's position with the RRWMB was renewed.

A motion was passed approving the Technical Advisory Committee. Dan Thul was appointed coordinator.

The next meeting will be held July 15th.

Les Hagen presented his bill for work done on SD #51 in Jadis Addition and Dieter Townships. The amount is listed under Bills.

OLD BUSINESS:

Engineer Anderson was able to look at the Caribou Bridge and there would be some benefit to having the approach moved back. This could be done when the County regrades the road.

There was discussion on the permit applications for the City of Roseau's sewage lagoon, storm sewer, and sanitary sewer systems. The permits have not been received from Floan - Sanders, Inc. Previous minutes show the district had sent a letter to the engineering firm regarding the above activities. The letter included permit applications and a copy of the rules of the watershed. Motion by Allison Frislie second by Robert Severson to send a second letter to Floan - Sanders requesting permits for the work being done in the City of Roseau. Carried - unanimous.

NEW BUSINESS:

Engineer Anderson inspected the complaint by Vistad Farms regarding a "slump hole" that developed on their property. It should be leveled and allowed to settle. If it continues to be a problem it was recommended they install rip-rap.

Farrell Erickson and Kathy Ross attended the meeting in Thief River Falls on Disaster Assistance Participation. The purpose of the meeting was to find out what the response to this years flooding has been in each district. How have the districts been able to help people affected by flooding and what efforts have been made to coordinate assistance between the different agencies that are involved. John Stine with the Minnesota Recovers Disaster Task Force stated most of the \$4 million dollars allocated by the State for flood recovery will go toward acquisitions of properties. Very little funding will be left for some of the rural needs such as construction of ring dikes. A special legislative session will be held in August. Mr. Stine recommended the watershed districts present a united front to address some these issues.

DELEGATIONS continued:

Dave Dahlgren informed the Board he is having problem with water on his land in Section 11 of Stafford Township. He has lost some of his crop the last few years because of the water that comes onto the field from the west. The only outlet is located on the northeast side. The section is in the D #8 system and it appears there is a second lateral that may be out of repair. Motion by Robert Severson second by Steve Erickson directing Charlie Anderson to inspect the area, determine if there is a lateral 2 in the ditch system, and assess if it is out of repair. Carried - unanimous.

Floyd Haugen has a complaint on WD #3. Farrell Erickson was asked to inspect the area with him and report back at next months meeting.

PERMITS

The permit application from Ardmore Haugen remains tabled pending further information.

Steve Lee has been unavailable, his permit application will remain tabled until Engineer Anderson can meet with him.

ENGINEER'S REPORT

The Board was given handouts on a proposed project that would divert a portion of the high river flow at Roseau to the Roseau River downstream. The diversion is planned to follow property section lines eliminating the need to cut across actual sections. The capacity provided would be about 1,000 cfs. A control structure would be in place at the Lake Bottom. Water would be directed to the Big Swamp only when downstream conditions allow. The estimated cost of the project is \$4 million. There was discussion on what the public's reaction would be. The Board agreed with Engineer Anderson's request to present the proposal to the Flood Committee.

Survey results were presented to the City Council on the condition of Roseau's dikes. There are areas where the dikes should be built up to a 50 year flood elevation. However, the Council was informed the city's dikes along with the temporary emergency dike built this past spring on 3rd Avenue NE are in the floodway. The COE are saying the dikes need to be removed or brought into compliance with local ordinances. An option the City has is redrawing the floodway. Letters will be sent to FEMA and the COE.

An inspection was made on the land owned by Bernie Anderson and there is new ditching. Acting County Engineer Morris Hulst was contacted to see if he had any information on this activity or knowledge on the background of the area. He was to look into this matter. A review of previous minutes indicate Mr. Anderson was directed by the watershed to either fill back in where he had originally ditched without a permit, or obtain a permit for the ditching. A condition of the permit was he would need to have the land become part of the WD #3 benefited area. A violation has been committed but, it is still unclear who has done the ditching. There was discussion on having Attorney Moren send a letter to the estate of Bernie Anderson regarding the matter. Before the letter is sent, a check of the Viewers Report will be done on WD #3 as well as D #16. Motion by Allison Frislie second by Steve Erickson directing Pat Moren to send a letter to the Bernie Anderson Estate regarding the above violation. Carried-unanimous.

RECEIPTS

Scott-Kveen Seed Company - 1/4 share of bluegrass	\$4,758.48
Kittson County - 97 tax levy	245.25
Lake of the Woods County - 97 tax levy	\$53.04
SD #51	24.78
Marshall County - 97 tax levy	195.05
Marshall County - SD #51	300.89
Citizens State Bank - interest on checking account	81.95
Citizens State Bank - interest on CD #39452	<u>3,041.64</u>

TOTAL **\$8,701.08**

Motion by Allison Frislie second by Farrell Erickson to pay the following bills

Carried - unanimous.

Postmaster Roseau - survey	\$99.34
Postmaster Roseau - survey	418.00
Postmaster Roseau - survey	338.35
Leslie Hagen - SD #51	4,650.00
RRWMB - tax levy share	17,339.35
City of Roseau - rent	200.00
R & Q Contracting - dam removal	413.60
Quality Printing, Inc. - survey expense	26.63
Cellular One - phone	38.85
Roseau County Treasurer - audit ditch systems	75.36
Wally's - survey expense	10.00
Mitch Roth - survey	591.25
Tim Schneider - survey	738.75
Ron Beito - Animal Damage Control Fee	195.00
Mark Beito - Animal Damage Control Fee	105.00
Patrick D. Moren - fees	562.50
JOR Engineering, Inc. General	\$1,937.85
Roseau River Flood Plan	8,172.97
Stream Gaging	1,202.00
Norland	99.00
Copier Rent	25.00
Kathy Ross - fees, supplies, and mileage to TRF	11,503.03
(Survey \$840.74)	1,215.37
Steve Erickson - per diem	50.79
Allison Frislie - per diem and mileage	78.69
Kelman Kvien - per diem and mileage	216.81
Robert Severson - per diem and mileage	181.83
Farrell Erickson - per diem, mileage, and expenses	294.63
(Survey \$108.26)	
Russell Mitterling - Animal Damage Control Fee	300.00
Citizens State Bank - payroll taxes	<u>267.14</u>

TOTAL **\$39,910.27**

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July 8, 1997

Meeting was recessed by Chairman Kelman Kvien until 7:00 p.m. on July 9th, at that time the Board of Managers would continue their meeting with the Roseau River Flood Control Committee.

Submitted by,


Kathy Ross, Secretary

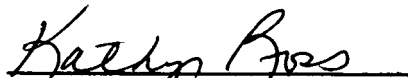
MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING RECONVENED JULY 9, 1997

Meeting was reconvened at 7:00 p.m. as noted in the July 8th minutes, by Secretary/Treasurer Robert Severson in the office of the Watershed at City Hall. Board members present were Robert Severson, Steve Erickson, and Farrell Erickson. Others attending were Eng. Charlie Anderson, Sec. Kathy Ross, and members of the Roseau River Flood Control Committee.

The purpose of this meeting was to meet with the Flood Committee and a delegation from Canada. Minutes of the RRFCC meeting are attached to the original copy of the July 9th minutes.

Motion to adjourn by Steve Erickson second by Farrell Erickson. Carried - unanimous.

Submitted by,


Kathy Ross, Secretary

The Roseau River Flood Control Committee met on July 9, 1997 at the Watershed Office in Roseau at 7:00 P.M.

Present were: Charlie Anderson, Roseau River Watershed Engineer, Farrell Erickson, Kathy Ross, Steve Erickson, Robert Severson, representatives of the Roseau Watershed District; Stan Wood, Mike Larsen and Dan Thule DNR representatives, Todd Peterson of the City of Roseau, Rob Sando, Roseau Soil and Water Conservation, Norm Flagstad, Roseau businessman, Greg Halvorson, Jadis Township; and Gracia Nelson. Also attending were Bev Berrington, Helen Robbins, Peter Friesen and Albert Janzen of Rural Municipalities of Franklin; Wally Happychuk, David Kiansky and Orest Pacuirka of Vita; Paul Boileau, Wm. Tkachuk, C. Boychuk, and Reynald Preteau of the Rural Municipalities of Piney, Rany Tkachyk of Sundown.

Minutes of the last meeting were read and approved

Old Business:

The survey committee reported that 1,002 or 39% of the surveys have been returned. 700 surveys were entered into the data base. 1200 postcard reminders had been mailed. The deadline was extended until July 15th. The survey committee will report their findings at the August meeting.

NEW BUSINESS:

Charlie Anderson, Engineer for the Roseau River Watershed District reviewed the 1983 McCombs Study which was done on Sprague Creek, Lost River and Mud Creek. The study found that the Lost River and Mud Creek projects did not prove to be beneficial.

The Sprague Creek project was a 16,000 acre foot impoundment. The project would have been beneficial to both agricultural lands around the Roseau Lake Bed area and it would have provided a significant benefit to wildlife. The project was dropped because of the large amount of peat in that area and at that time it was not feasible to harvest the peat. The project was expected to cost approximately \$1.5 million in 1981. One of the considerations that was not studied was the back water effect upstream in Roseau.

The Canadian representatives voiced their concern about flood conditions which they have experienced during the past three years. They were concerned about the large amount of water which flows into Canada from the United States at Caribou. They stated that the water escaped the Roseau River banks and flooded the agricultural land.

The Roseau River flows into Dominion City before it meets the Red River. It normally crests one week before the Red River. This

year it crested on April 23rd compared to the river cresting in Roseau on April 16th.

When asked if they could contain water in Canada in the Sprague Creek Area until the flood potential passes, they advised that they have no room for impoundments as all the flat land has towns or agricultural land. There would be room for small pockets to hold water. The water comes from their forests and swamps.

The representatives from Canada would like to organize a watershed district which would work with the Roseau Watershed and the Flood Control Committee to find flood control solutions for both Canada and the United States.

Charlie discussed the South Roseau River Diversion which would divert a portion of the high river flows at Roseau to the Roseau River downstream in the Old Roseau Lakebed area and/or the Big Swamp area. The channel would have a capacity of about 1,000 cfs. The channel would follow property boundaries as closely as practical and would include a control structure to direct water to Big Swamp area only when downstream conditions allow and to otherwise direct the water to the Old Roseau Lakebed. If we were to adopt this water control project we would need to know when the Canadians feel that they are ready for water. The cost factor for the South Roseau River diversion would be approximately \$4 million.

It was the consensus of the flood committee that there should be a delegate from each of the three rural municipalities at the Flood Control meetings. Minutes of the previous meetings will be available to the representatives at the August meeting.

Charlie reported that the new model is up and operating. He hopes to bring data to our August meeting.

Our next meeting is scheduled for August 6, 1997 at 7:00 p.m. at the Roseau Watershed meeting room. The program will consist of a discussion of the results of the survey. There will also be a presentation by one of the representatives from Canada on Canadian water flows from floods for the past two years.

Submitted by



Gracia C. Nelson
Roseau County Emergency Service Director

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD AUGUST 5, 1997**

Meeting called to order at 7:32 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Robert Severson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Dave and Teresa Dahlgren, Mike Higgins, Greg Halvorson, Gracia Nelson, and Leslie Hagen.

Motion by Steve Erickson second by Farrell Erickson to approve the July 8th minutes.
Carried - unanimous.

Motion by Farrell Erickson second by Steve Erickson to approve the July 9th minutes.
Carried - unanimous.

DELEGATIONS

Mike Higgins was present to discuss the farm management program on the leased ag land in Section 19 of Norland. The past five years bluegrass has been planted in this area with the District receiving one-fourth share of the crop's yield. Mr. Higgins informed the Board that production acres have been declining and Scott-Kveen Seed Co. is not interested in renewing its lease as is. The loss of productivity and income, compared to the expenses and rent, makes it impractical to plant bluegrass for 1998. Options suggested were planting canola, letting the land revert to grass, renting the land for haying, or taking it out of production. Though having the land out of production could affect wetland credit requirements. Controlling weeds will also need to be planned for. If the Board decides to plant canola, preparations will have to be made this fall. Another alternative is to forego the cost share provision of the lease in consideration of Scott Kveen Seed Co. keeping the weeds controlled. A motion was made by Steve Erickson second by Robert Severson to table the matter until next months meeting. Carried -unanimous.

David and Teresa Dahlgren met with the Board to discuss their permit application to install a culvert in the northeast corner of Section 11 of Stafford Township. They believe the culvert is necessary to help remove the excess water that runs off the parcels of land located on the west side of the section. Since last months meeting, Engineer Anderson has inspected the area and determined there is a second lateral present in the Co Ditch #8 system. A survey will be done on lateral 2 and the District should have some answers for the Dahlgrens at the September meeting.

PERMITS

Engineer Anderson requested the permit application from Steve Lee tabled. He was able to speak with both Steve and Albert Lee and they have agreed to wait with their plans to dike their properties while the District works on developing a comprehensive plan to improve drainage in the WD #3 area. Steve Lee said he would be willing to carry a petition for such an improvement. It was further discussed if nothing was accomplished in a reasonable amount of time they could proceed with obtaining permits for their respective diking. The permit application is tabled.

Motion by Robert Severson second by Farrell Erickson to approve the permit application from Wallace Borah constructing a driveway access in Section 24, T162N, R41W. It will be noted the permit is issued using a 24 inch culvert. Any variation in size requires approval from the Board.
Carried - unanimous.

Motion by Farrell Erickson second by Steve Erickson to approve the permit application from the Roseau County Highway Department to reconstruct CSAH 21. The permit is issued with the following culvert size changes as recommended by Engineer Anderson. Carried - unanimous.

Station 492 + 19 Field Entrance Rt	18"
Station 587 + 33 Field Entrance Lt	18"
Station 597 + 55 Field Entrance Rt	18"

Gracia Nelson reported on the August 2nd meeting attended by members of the Flood Control Committee with Senator LeRoy Stumpf and Representative Jim Tunheim. On behalf of Roseau County a request for funding in the amount of \$500,000 will be submitted at the August 19th special legislative session. \$200,000 is appropriated for the planning of future flood damage reduction measures and \$300,000 is for constructing 10 ring dikes north of Roseau this fall. Gracia asked if the District would be the sponsoring agency on the application for these funds. She has a list of 16 landowners that would like to have ring dikes built and knows there are still more people interested whom she hasn't had the opportunity to speak with. The legislators recommended the watershed district participate with a 25% cost share on the dikes. It was discussed whether it would be possible to construct all 10 ring dikes by freeze up. Additional engineering staff would need to be hired. There was some concern the ring dikes would effect the support needed by the district, from those residents north of Roseau, to develop a basin wide plan. Engineer Anderson suggested the Board require an easement from landowners receiving the district's cost share assistance. Motion by Steve Erickson second by Farrell Erickson designating the Roseau River Watershed District as the sponsoring agency for the Minnesota Flood Recovery Task Force Community Application. Carried-unanimous.

Gracia presented copies of the Roseau River Watershed Flood Mitigation Plan to Board members for their review. The report was drafted by Roseau City Planner, Todd Peterson.

ENGINEER'S REPORT

Draft copies of the Roseau River Basin Flood Control Plan were also given to Board members for review. The plan was developed in part, as a response to comments made that the Watershed as well as the Flood Control Committee have been ineffective in coming up with any solutions for the flooding problems in Roseau County. The intent of the plan is to provide the frame work for establishing an overall basin flood control plan. It was noted the report by Todd Peterson includes many aspects of this report while incorporating planning goals, objectives, project evaluations, and project implementation.

RRWMBREPORT

Farrell Erickson reported on the July 11th meeting with MnDot on the proposed Memorandum of Understanding (MOU). The purpose of the meeting was to discuss the model agreement that watershed districts could use to establish procedures related to working with the DOT. Although the Board agrees with the concept of the MOU, it was felt this district may benefit from forming its own agreement with MnDot. A letter will be sent to the regional office in Bemidji inviting a representative to attend a future meeting with the Board regarding this issue.

Farrell was unable to attend the RRWMB's July 15th meeting.

OLD BUSINESS

Pat Moren reported speaking with Superintendent Dale Drown on the permit requested by the district for the City of Roseau's sewage lagoon. The project is still in Phase 1 and a permit was not required. Previous Board minutes confirm this information. Mr. Drown is aware that a permit will be needed for Phase 2. However, it appears the project may not get to that point. The Board is still waiting for a response from Floan-Sanders, Inc. on the permits for the city's sanitary and storm sewer systems.

In other business, Attorney Moren read a copy of the letter sent to John Carter PA, regarding the ditching violation on land owned by Suzanne Anderson and the late Bernie L. Anderson. In response, Mr. Carter informed the district that Mrs. Anderson and renter Douglas Erickson, will petition to have the land included in the benefited area of WD #3.

OLD BUSINESS continued:

LINS RING DIKE - In reviewing the Certificate of Insurance from Joel Graff, it was found the limits of liability specified did not conform to the general provisions. Before the contract can be awarded, the limits need to be raised. Attorney Moren is to contact the agent of record about meeting the specifications. Motion by Robert Severson second by Steve Erickson issuing the Contract/Agreement to Graff Construction upon receipt of the revised Certificate of Insurance. Carried - unanimous.

NEW BUSINESS

The Board of Water and Soil Resources will hold a meeting on August 28, 1997 at the University of Minnesota/Crookston.

The 3rd Annual Red River Basin Riparian Workshop will be held September 8th and 9th at the Holiday Inn in Grand Forks, ND.

A copy of the Roseau County Comprehensive Local Water Plan was received along with a letter giving notice of the 60 day local review. Comments need to be sent to Rob Sando, CLWP Coordinator, by September 16, 1997.

The District's current CRP contracts expire on September 30, 1997 and new crop bases need to be established. The matter will be placed on the September 2nd agenda.

Motion by Robert Severson second by Farrell Erickson approving the Proposed Budget for 1998 as follows. Carried - unanimous.

ADMINISTRATION FUND	\$55,000.00
ENGINEERING FUND	24,000.00
RED RIVER WATERSHED MANAGEMENT BOARD FUND	30,000.00
PALMVILLE PROJECT FUND	10,000.00
DUXBY LEVEE FUND	2,000.00
SNAGGING AND SANDBAR REMOVAL FUND	30,000.00
NORLAND PROJECT FUND	20,000.00
DIKED STORAGE FUND	1,000.00
BENCHMARK FUND	5,000.00
STREAM GAGING FUND	<u>5,000.00</u>
	\$182,000.00

A notice to the public will be placed in the Roseau Times-Region for a hearing on the Proposed Budget at the September 2, 1997 meeting at 8:00 p.m.

RECEIPTS

Citizens State Bank - interest Public Now Account	\$186.22
State of Minnesota - Homestead & Ag Credit Aid (HACA)	<u>19,879.00</u>

TOTAL \$20,065.22

Motion by Farrell Erickson second by Steve Erickson to pay the following bills. Carried - unanimous.

Leslie Hagen - SD #51	\$3,725.00
Postmaster Roseau - stamps and postage	38.47
Cellular One - phone	30.04
Roseau County Highway Department - flood damage repairs	315.07
Richard Sellheim - Animal Damage Control Fee	135.00
Lynelle Monsrud - Animal Damage Control Fee	555.00

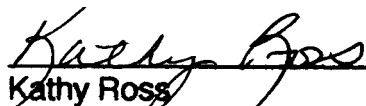
BILLS continued:

Judie Monsrud - Animal Damage Control Fee		\$585.00
City of Roseau - rent		200.00
RRWMB - share of HACA		6,116.62
Pat Moren - fees		781.25
JOR Engineering, Inc.	General	\$1,747.42
	Roseau River Flood Plan	6,046.00
	Stream Gaging	1,952.17
	Norland	4,225.08
	Lins Ring Dike	777.51
	WD #3	40.00
	Co. D #8	160.00
	Copier Rent	25.00
		14,973.18
Kathy Ross - fees and supplies		818.27
OK (Survey \$191.16) 341.52		
Kelman Kvien - per diem, mileage, and expenses		226.11
Robert Severson - per diem and mileage		125.14
Farrell Erickson - per diem and mileage		394.91
(WD #3 \$17.57)		
Steve Erickson - per diem		101.58
Citizens State Bank - 941 payroll tax		<u>222.77</u>

TOTAL \$29,343.41

Motion to adjourn by Steve Erickson seconded Kelman Kvien. Carried.

Submitted by,


Kathy Ross
Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT BOARD
OF MANAGERS MEETING HELD SEPTEMBER 2, 1997**

Meeting called to order at 7:38 p.m. by Chairman Kelman Kvien in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, Steve Erickson, and Farrell Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Einar Karlsson, Gracia Nelson, Rod Richmond, and Leslie Hagen.

Motion by Robert Severson second by Farrell Erickson to approve the August minutes.
Carried - unanimous.

DELEGATIONS

Rod Richmond, Roseau's new County Engineer was invited to the meeting so the Board could meet him and introduce themselves. Mr. Richmond gave a brief summary of his work background and expressed his willingness to work with the district.

PERMITS

Einar Karlsson, Stafford Township Board, submitted a permit application to replace the existing 24" culvert between Sections 9 and 10. In July the Township Board requested a permit to regrade the township road and install a larger culvert. An inspection by Engineer Anderson found the culvert size was adequate and suggested that regrading alone should solve the problem of water over topping the road. A permit was issued for regrading. Mr. Karlsson is now concerned that without the larger culvert water will back up on the driveway at Steve Adkins home. It was discussed the house is located quite some distance from the end of the driveway and would not be affected. If a problem should occur the driveway would have to be raised. The permit to replace the culvert is denied.

At last months meeting David and Teresa Dahlgren submitted a permit application to install a culvert in the northeast corner of Section 11 in Stafford Township. The Board directed Engineer Anderson to investigate the condition of County Ditch 8 Lateral 2. Results of the survey found the Lateral to be substantially out of repair. Most of the center line culverts need to be lowered and there are other culverts that should be modified or removed. It is recommended that the ditch be restored to its original design grade with a 5 foot bottom width and 2:1 side slopes throughout its entire length. The cost of excavation is estimated at \$6,000.00 and will require the removal of 5,472 cubic yards of material. The estimate does not include the cost of seeding, lowering culverts, and acquiring any additional right of ways. Easements will be needed from adjacent landowners to put the repair spoil on the field side of the sections.

The regular meeting was adjourned at 8:00 p.m. for the public hearing on the 1998 Proposed Budget.

As noted in the Roseau Times-Region, the Board of Managers held their annual hearing on the District's Proposed Budget. After discussion a motion was made by Steve Erickson second by Robert Severson to approve the following budget for 1998. Carried - unanimous.

ADMINISTRATION FUND	\$55,000.00
ENGINEERING FUND	24,000.00
RED RIVER WATERSHED MANAGEMENT BOARD FUND	30,000.00
PALMVILLE PROJECT FUND	10,000.00
DUXBY LEVEE PROJECT FUND	2,000.00
SNAGGING AND SANDBAR REMOVAL FUND	30,000.00
NORLAND RESTORATION PROJECT FUND	20,000.00

DIKED STORAGE FUND	1,000.00
BENCHMARK FUND	5,000.00
STEAM GAGING FUND	<u>5,000.00</u>
	\$182,000.00

Tax levies are noted on the attached three (3) pages to the September 2, 1997 minutes.

The regular meeting was reconvened at 8:25 p.m.

PERMITS

Lateral 2 continued: The Board discussed enlisting David Dahlgren's help in contacting his neighbors about the plans to repair the Lateral and asking for the required right of ways. If he is able to obtain the easements this will eliminate the need to appoint Viewers, allowing excavation to start that much sooner. Charlie Anderson and Robert Severson will meet with Mr. Dahlgren. The permit remains tabled.

Motion by Robert Severson second by Farrell Erickson to approve the permit application from the Roseau County Highway Department replacing the existing bridge with a 128" x83" x 40' CSP - A culvert at Section 32, T163N, R39W. The permit is issued per recommendation of the District's Engineer. Carried - unanimous.

Gracia Nelson met with the Board regarding Roseau's Disaster Assistance Application. At the August 19th special legislative session, \$900,000.00 was allocated for the construction of ring dikes through the Minnesota Recovers Disaster Task Force. Under this program the State will provide a 50% match. The Red River Watershed Management Board has authorized funding 25% of the local cost share. The remaining 25% would be divided between the watershed districts and landowners. At this time it is not known what share, if any, Roseau County will receive. There are 18 landowners who are interested in having a ring dike constructed. Should the county receive assistance, more than likely there would not be enough funding to build all the requested dikes. The Board discussed developing an eligibility/priority check list. Landowners meeting the criteria would be ranked in order of importance (need) for a ring dike. Conditions for eligibility include; the landowner provides the dirt, agrees to future maintenance, signs a hold harmless agreement, accepts engineer's design, provides and operates internal drainage pumps, the project is cost effective and will result in no significant adverse flood impacts. The priority ranking would assess if the site has active living quarters, livestock, and active multiple dwellings. Other factors that would be considered are the site's frequency for flooding, construction prior to floodplain ordinances, and is it within a potential emergency floodway area. In addition, the Board will require landowners accepting cost share assistance to agree to an emergency flowage easement. The Board further discussed how many ring dikes could be built by freeze up. Construction could be slowed depending on the bidding requirements. Finding available contractors could also cause delays. Until the district hears from the State, Engineer Anderson will begin doing a preliminary engineering study at each of the sites. Gracia was asked to find out if there are any other landowners interested in the ring dike program.

Les Hagen presented his bill for work done on SD #51, Lateral 2 of WD #3, and clearing along the Roseau River in Bloom Valley Township and in the city of Roseau. The amount is listed under Bills.

ENGINEER'S REPORT

LINS RING DIKE - Construction has been completed except for the installation of a flap gate and the final inspection. Motion by Allison Frislie seconded by Steve Erickson authorizing partial payment of \$14,542.45 to Graff Construction. Carried - unanimous.

Roseau County's Comprehensive Local Water Plan was reviewed. Overall the plan is generally good and nothing was found in the report that would cause concerns for the district.

The Corps of Engineers have sent the City of Roseau information on constructing small flood control projects as provided by Section 205. Outlined where the responsibilities of the Corps and the local sponsoring agency. Information on how to initiate a feasibility study and a sample resolution were also provided.

NORLAND - Surveying continues on the west edge. Once completed a determination can be made on the potential storage the expanded version of the project will have. Kelman Kvien suggested the Board investigate including Haycreek as part of the project.

Farrell Erickson reported the following for the RRWMB:

As discussed earlier, the RRWMB authorized funding 25 percent of the local cost share for ring dike construction.

A report was given on the 1996 Beaver Program - State Expenditures. Roseau County had the largest number of claims of the sixteen counties participating.

Funding was approved for the Technical Advisory Committee.

The RRWMB is requesting all member districts consider passing a resolution authorizing the funding of litigation for resolving future permitting issues. Upon review of the request and further discussion, a motion was made by Robert Severson second by Allison Frislie to support funding of future litigation as deemed in the best interest of the affected watershed district, as well as all of the member districts. Carried - unanimous. A separate resolution is attached to the original September minutes. A copy will be sent to the office of the RRWMB.

Maggie Leech presented an update on the Red Lake Watershed District's water quality study. Funding for the study was provided in part by the RRWMB.

OLD BUSINESS:

It was the consensus of the Board to let land in Section 19 of Norland revert to grass should Scott-Kveen Seed Company decide not to renew their ag lease.

Farrell Erickson received a call from Roseann Lee about the district repairing a minimum maintenance road in Pohlitz Township. A "low draw" has developed where a culvert was replaced on Lateral 2 of WD #3. It was discussed it is the responsibility of the road authority, in this case Pohlitz Township Board, to provide maintenance. The District would require a permit if the repairs caused a change in the profile of the road.

Les Hagen was asked to continue with brushing along Lateral 2 of WD #3. Debris that was previously cleared needs to be removed from the area.

JADIS DIKE - Kelman Kvien is to contact Carl and John Wahlberg regarding the District's interest in purchasing land adjacent to the Jadis Dike.

RECEIPTS

Citizens State Bank - interest checking account	\$102.20
United States Treasury - refund from overpayment of payroll tax	<u>105.57</u>

TOTAL	\$207.77
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Motion by Farrell Erickson second by Robert Severson to pay the following bills. Carried
unanimous.

Leslie Hagen - SD #51	\$3,625.00	
WD #3	275.00	
brushing and snagging	175.00	\$4,075.00
City of Roseau - rent		200.00
R & Q Contracting - removal of beaver dams		791.00
Coutts, Lucke, and Associates, Ltd. - 1996 Audit		1,675.00
Cellular One - phone		30.04
Border Agency - Position Schedule Bond		64.00
Multi Office Products - supplies		12.67
Quality Printing - supplies (envelopes)		48.99
The International Coalition - 1998 Membership		250.00
Stuart J. Nelson - brushing and snagging		2,625.00
Graff Construction - partial payment Lins Ring Dike		14,542.42
Pat Moren - fees		593.75
JOR Engineering, Inc.	General	\$ 1,485.79
	Roseau River Flood Plan	5,450.37
	Stream Gaging	330.00
	Norland	9,336.28
	Lins Ring Dike	2,887.64
	Co. D #8	1,791.50
	Ishams	237.00
	Sprague Weir	99.58
	Benchmark Fund	114.68
	Copier Rent	25.00
		21,757.84
Kathy Ross - fees, supplies, and mileage		945.77
(Lins Ring Dike - surveying \$195.02)		
(Co D#8 - surveying \$113.92)		
(Survey Committee \$33.25)		
(Ishams - surveying \$19.39)		
Kelman Kvien - per diem and mileage		108.40
Allison Frislie - per diem and mileage		78.69
Robert Severson - per diem and mileage		117.08
Farrell Erickson - per diem, mileage, and expenses		137.51
Steve Erickson - per diem		50.79
Roseau Times-Region - notice in paper		24.00
Citizens State Bank - 941 payroll tax		<u>216.19</u>
		\$48,344.14

Motion to adjourn by Allison Frislie.

Submitted by,


Kathy Ross, Secretary

ROSEAU RIVER WATERSHED DISTRICT
ROSEAU, MN 56751

Resolution passed at the September 2, 1997 meeting of the Roseau River Watershed District Board of Managers:

Upon motion by Farrell Erickson, seconded by Allison Frislie, the following resolution was passed unanimously,

"BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT;

Pursuant to M.S.A. Section 112.61 Subdivision 3, the Roseau River Watershed District does hereby levy an ad valorem tax of .02418 percent of the total market value of real estate and personal property (not to exceed \$125,000.00) of all taxable property within the District in the Counties of Roseau, Kittson, Marshall, Beltrami, and Lake of the Woods, as set forth in the above mentioned Chapter. Such funds to be used for general administration expenses and for the construction and maintenance of projects of common benefit to the District."

Dated this 2nd day of September, 1997.

ROSEAU RIVER WATERSHED DISTRICT


Kelman Kvien

ROSEAU RIVER WATERSHED DISTRICT
ROSEAU, MN 56751

Resolutions passed at the September 2, 1997 meeting of the Roseau River Watershed District Board of Managers:

Upon motion by Robert Severson, seconded by Farrell Erickson the following resolution was passed unanimously,

BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

\$4,000 levy be made on Ditch System WD-3.

Upon motion by Steve Erickson, seconded by Farrell Erickson, the following resolution was passed unanimously,

BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

\$6,000 levy be made on Ditch System 8.

Upon motion by Steve Erickson, seconded by Allison Frislie, the following resolution was passed unanimously,

BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

\$2,000.00 levy be made on Ditch System 16.

Upon motion by Farrell Erickson, seconded by Steve Erickson, the following resolution was passed unanimously,

BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

A one percent assessment on redetermined benefits be made on State Ditch 51

Approximate figures are	Roseau County -	\$88,177.69
	Kittson County -	\$ 1,155.02
	Marshall County -	\$ 641.92
	Beltrami County -	\$ 899.65
	Lake of the Woods County -	\$ 648.60

Dated this 2nd day of September, 1997.

ROSEAU RIVER WATERSHED DISTRICT

By  its Chairman
Kelman Kvien

ROSEAU RIVER WATERSHED DISTRICT
ROSEAU, MN 56751

Resolution passed at the September 2, 1997 meeting of the Roseau River Watershed District Board of Managers,

Upon motion by Steve Erickson, seconded by Robert Severson, the following resolution was passed unanimously,

"BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

WHEREAS, the Roseau River Watershed District is a member of the Red River Watershed Management Board and pursuant to a resolution duly adopted the Board of Managers executed a Joint Powers Agreement, and

WHEREAS, by resolution adopted by the Red River Watershed Management Board under the date of July 15, 1997, said Management Board, pursuant to the provisions of Chapter 162, 1976 Session Laws and in accordance with the provisions of Joint powers Agreement, did direct this Watershed District to levy an ad valorem tax in the amount of .003627 percent of the estimated market value. This levy to be made on all taxable property within their district in accordance with the provisions of Chapter 162, 1976 Session Laws, and

WHEREAS, the Board of Managers of the Roseau River Watershed District are desirous of cooperation and fulfilling this obligation,

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF MANAGERS OF THE ROSEAU RIVER WATERSHED DISTRICT:

That the Roseau River Watershed District does hereby levy an ad valorem tax in the amount of .0003627 percent of the estimated market value of all taxable property within this district and within the counties set forth in Chapter 162, 1976 Session Laws.

That said levy shall be for the year 1998 and shall be collectible with the taxes recovered in the year 1998.

That the County Auditor of the County of Roseau, Kittson, Marshall, Beltrami, and Lake of the Woods shall make said levy in accordance with the provisions of the Minnesota Watershed Act, Chapter 112, Chapter 162 (1976), the Joint Powers Agreement and Legislative direction.

That all proceeds of said levy shall be forwarded by the County Auditor of the County of Roseau, Kittson, Marshall, Beltrami, and Lake of the Woods to the Treasurer of the Roseau River Watershed District.

That the Treasurer of the Roseau River Watershed District shall retain one-half of the proceeds of said levy, and the proceeds from the remaining one half shall be transmitted to Daniel Wilkens, Treasurer, Red River Watershed Management Board, Rt 2 Box 218 D, Fertile, Minnesota, 56540."

Dated this 2nd day of September, 1997.

ROSEAU RIVER WATERSHED DISTRICT

By  its Chairman
Kellman Kvien

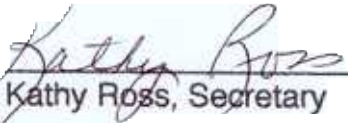
ROSEAU RIVER WATERSHED DISTRICT
P O BOX 26
ROSEAU MINNESOTA 56751

RESOLUTION

The Roseau River Watershed District considered the authorization of funding of litigation, for the resolution of permitting issues by member districts, by the Red River Watershed Management Board, at their regular monthly meeting at Roseau, MN on the 2nd day of September, 1997.

On a motion by Manager Robert Severson, seconded by Manager Allison Frislie and on a unanimous vote, the motion was passed to authorize the Red River Watershed Management Board to proceed with funding litigation, when it is requested by a member district, and it is deemed in the best interest of the affected Watershed District and potentially, any/or all of the member Watershed Districts.

I Kathy Ross, Secretary for the Roseau River Watershed District, hereby certify that the above motion was passed by the Board of Managers at their September 2nd, 1997 meeting, and the resolution is attached to the original copy of the September minutes.


Kathy Ross, Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD OCTOBER 7, 1997**

Meeting called to order at 7:38 p.m. by Secretary/Treasurer Robert Severson. Board members present were Robert Severson, Farrell Erickson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Mike Higgins, Gracia Nelson, and Leslie Hagen. Chairman Kelman Kvien arrived at 8:10 p.m. and chaired the meeting at that time.

Motion by Farrell Erickson second by Steve Erickson to approve the September minutes. Carried - unanimous.

DELEGATIONS

Mike Higgins reported his crop is off Section 36 in Norland. Survey crews should be able to resume surveying in the area within the next few weeks

A letter was received from Glaydon and Francha Rugland requesting the District supply them with "all minutes pertaining to and copies of all permits granted for the following projects. The new Ross Bridge, County Road 16 rebuilding, Hay Creek ditch cleaning, Roseau River cleaning from Roseau to six miles north, and Judicial Ditch 61". Mr. Rugland had brought the letter in person, but declined to stay for the meeting. It was discussed that while all records are open to the public and the Board does not deny their request, the District should not have to incur the cost of paying personnel to research and copy what is most likely a great deal of information. However, the Board will authorize extra hours for Secretary Ross to have the office open for Mr. and Mrs. Rugland to review these records and have copies made. If there is an excessive amount of copying, a fee will be charged. A letter is to be sent asking them to contact Kathy Ross on arranging a mutual time to meet.

PERMITS

Motion by Steve Erickson second by Farrell Erickson to approve the permit application from Denny and Nancy Andol for the construction of a one and one-half foot high dike in Section 31, Twp 163, R39W. The permit is issued per the recommendation of the District's Engineer. Carried - unanimous.

Motion by Steve Erickson second by Farrell Erickson to approve the permit application from Kelman Kvien lowering the present culvert in Section 5 of Spruce Township. Engineer Anderson recommended approval. Carried.

Motion by Farrell Erickson second by Robert Severson to approve the permit application from Habstritt Farms to lower the present culvert along Highway 310 on the southeast corner of Section 23, Jadis Township. Carried - unanimous.

ENGINEER'S REPORT

Roseau County will receive up to \$100,000.00 from the State of Minnesota for ring dike construction. Preliminary surveys have been completed for eight sites and plans are drawn up for four of the properties. Board members reviewed the terms of the Agreement For Construction of Farmstead Ring Dikes. The contract will be used by the District for landowners accepting cost share assistance. A motion was made by Farrell Erickson second by Steve Erickson authorizing Chairman Kelman Kvien and Secretary/Treasurer Robert Severson to sign this agreement and all other agreements pertaining to ring dike construction. Carried - unanimous. Gracia Nelson did ask to have a member of the Board present when she obtains the landowner's signatures. The Board agreed to her request. At this time the District has not received its agreement back from the State. The Board is reluctant to hire contractors and proceed with construction until a copy is received. Kelman Kvien did speak with Pam Albrecht, Division Accountant, on the morning of 10-7-97.

ENGINEER'S REPORT continued:

She informed him the District's agreement had been received and it will take two to three weeks for the State to issue an executed copy of the grant. She did say the District could "go ahead and spend the money". It was discussed that a general administration fund would be established to cover the cost of preliminary engineering at sites that end up not having a ring dike constructed. There have been instances where the landowners have changed their minds after the surveying was completed. Other issues discussed regarding the ring dikes were, hiring one contractor to do all the seeding next spring and the Roseau County Highway Department now has a supply of pipe available to the contractors.

Farrell Erickson reported the following for the RRWMB:

The Red River Basin Board elected the following officers; Morris Lanning President, Pete Freisen Secretary, and Don Ogaard Treasurer.

Dan Thul informed the Board the USGA plans to discontinue the gage at Caribou. The data obtained at the gage is very useful and an effort should be made to support its continued operation.

There was a presentation by Dave Hayes regarding a bill now before Congress that would deny watershed districts federal funding to repair ditches, dams, and other water related structures damaged by flooding.

The Minnesota Association of Watershed Districts is interested in having next years Summer Tour in the north end of the valley. This could include both the Two Rivers and Roseau River Watershed Districts. There was discussion on what points of interest the Roseau District would have to offer. Making the arrangements for food, lodging, and transportation needs to be considered as well as the cost to the District. Farrell was asked to find out more information on what is involved in hosting a tour. There will be further discussion at next months meeting.

OLD BUSINESS:

At last months meeting Board members were asked to review both the 1996 Annual Report and Audit. Motion by Robert Severson second by Farrell Erickson to approve the 1996 Annual Report. Carried - unanimous. Motion by Steve Erickson second by Farrell Erickson to approve the 1996 Audit. Carried - unanimous.

CO D# 8 - Robert Severson and Charlie Anderson were able to meet with David Dahlgren last month. He has agreed to contact the adjacent landowners about the easements needed to put the ditch spoil on the field side of Lateral 2.

NEW BUSINESS

Motion by Farrell Erickson second by Steve Erickson to renew CD #38350. Carried - unanimous.

Information was received on the MAWD Annual Meeting to be held December 4 - 6, 1997 in Alexandria. The election of delegates will be put on the November Agenda.

Due to voting on the school referendum the time of the November 4th meeting is changed to 8:00 p.m. A notice to the public will be published in the Roseau Times-Region. It will also be noted that the time of the Board's regular meetings will be at 5:00 p.m. from December 1997 through April 1998.

Leslie Hagen presented his bill for work done on SD #51, WD #3, and clearing along the Roseau River. The amount is listed under bills.

RECEIPTS:

Border State Bank - CD #107362	\$100,000.00
Border State Bank - interest on CD #107362	6,215.53
Citizens State Bank - interest Public Now Account	57.34
USDA/CCC - Farm Program	<u>4,019.00</u>

TOTAL \$110,291.87

Motion by Steve Erickson second by Robert Severson to pay the following bills. Carried - unanimous.

Roseau Post Office - postage Executive Summary	\$76.23
Leslie Hagen - SD #51 \$4,875.00	9,475.00
WD #3 300.00	
brushing and snagging 4,300.00	
Marshall County Treasurer - audit SD #51	7.93
City of Roseau - rent	200.00
R & Q Contracting - dam removal	247.76
Multi Office Products - supplies	23.32
Quality Printing, Inc. - Executive Summary/Survey	78.28
Cellular One - phone	30.04
Ward Anderson - Animal Damage Control Fee	120.00
Stuart J. Nelson - brushing and snagging	1,200.00
Patrick D. Moren - fees	1,843.75
JOR Engineering, Inc. General \$1,018.65	
Roseau River Flood Plan 3,447.79	
Norland 912.65	
Co. D #8 1,325.80	
Lins Ring Dike 426.19	
Copier Rent 25.00	7,156.08
Kathy Ross - fees, mileage, and supplies	975.49
Kelman Kvien - per diem and mileage	126.76
Robert Severson - per diem and mileage	185.24
(Co. D #8 \$62.57)	
Farrell Erickson - per diem and mileage	131.34
(Survey Committee \$65.67)	
Steve Erickson - per diem	50.79
Citizens State Bank - payroll taxes	<u>210.60</u>

TOTAL \$22,138.61

Motion to adjourn by Farrell Erickson second by Robert Severson.

Submitted by,

KR- 
Kathy Ross, Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD NOVEMBER 4, 1997**

Meeting called to order by Chairman Kelman Kvien at 7:35 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Robert Severson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Floyd Haugen, Mike Higgins, Leslie Hagen, and John Anderson.

Motion by Steve Erickson second by Farrell Erickson to approve the October minutes. Carried - unanimous.

DELEGATIONS

Floyd Haugen met with the Board to discuss repairing traps within the WD #3 system. He questioned who is responsible for repairing the trap south of George Wellin's on Lateral 2 and the traps along Lateral 3. He was informed the trap at George Wellin's is in a township road. The Roseau County Highway Department is the road authority and they would need to be contacted about repairs. Farrell Erickson has inspected the Lateral 3 traps and found both the culvert and trap west of Melford Nelson's damaged. In this case the culvert would be repaired by the County, but the District is responsible for repairing the trap. It was discussed that arrangements could be made to have the County fix the trap the same time as the culvert and have the bill sent to the district. A motion was made by Steve Erickson second by Robert Severson directing Farrell Erickson to contact the Roseau County Highway Department about having the necessary repairs done for the traps on Laterals 2 and 3. Carried - unanimous.

Mr. Haugen also is concerned about the "low draw" that developed on the road where a culvert was replaced in Pohlitz Township. He said the area is not well marked and could be a hazard to people driving. This issue was brought to the Board's attention back in September. It was determined that Pohlitz Township is responsible for maintaining the road. It was suggested that Floyd contact a township board member about repairs and the County Sheriff about flagging the area.

John Anderson, ASCS, was present to discuss the assistance available to repair the erosion along the river bank at LeRoy and Luverne Vistads. He informed the Board that through the NRCS Emergency Watershed Protection Program, one hundred percent of the construction cost would be provided if the District is the sponsoring agency. Otherwise seventy-five percent of the construction cost would be met leaving a twenty-five percent local cost-share. Costs to repair the bank are estimated between \$45,000.00 and \$50,000.00. There was discussion whether the engineering cost is included and what share Vistads would be required to contribute. The project should benefit the district, if district funds are to be used. A determination of public benefits has already been made and the project would improve water clarity and quality. Another benefit is the project would allow work to be done on removing the sandbar on the opposite side of the river. The requirements to receive funding involves sending a letter to the NRCS requesting assistance, filling out an "Assurance Relating to Real Property Acquisition", and securing an agreement with Vistads. Mr. Anderson stated that this should be done as soon as possible. At this time Pat Moren telephoned LeRoy and Luverne Vistad asking them to come to the meeting. The matter was tabled until they arrived at the office.

Pat Moren informed the Board that the City Council is interested in looking at ways to divert the water that enters Roseau from ditches located west of town. They want to know if they need to have a set plan before presenting a proposal to the district. It was discussed that as a first step, the Council could approach the Board with their intentions regarding the need for a diversion or similar type project.

PERMITS

Motion by Farrell Erickson second by Robert Severson to approve the permit application from Rick Isham to construct a farmstead ring dike in Section 26 of Dieter Township. Carried - unanimous.

Motion by Robert Severson second by Steve Erickson to approve the permit application from Marge Przekwas to construct a farmstead ring dike in Section 34 of Jadis Addition Township. Carried - unanimous.

Motion by Steve Erickson second by Farrell Erickson to approve the permit application from Ardmore Haugen to construct a farmstead ring dike in Section 28 of Dieter Township. Carried - unanimous.

Engineer Anderson reported the following:

FARMSTEAD RING DIKE PROGRAM - Surveys have been completed on 11 sites and final construction plans have been prepared for 9. Two of the 9 sites have been determined not to be feasible to construct and two have been unable or unwilling to pay the landowner's share. Contracts have been negotiated on 4 projects. The ring dike at Ishams has been completed and construction will start on two other dike projects. Lack of contractors, wet soil conditions, and snow has hampered progress. Weather permitting, surveys will continue as well as plan preparations, contract negotiations, and construction. A status report will be sent to the State along with an estimate of the additional funds that would be needed to construct all of the requested dikes.

A partial payment request was received from Johnson Construction Co. for the ring dike at Rick Ishams. Motion by Steve Erickson second by Robert Severson authorizing partial payment to Johnson Construction Company in the amount of \$13,072.95. Carried - unanimous.

Kelman Kvien informed the Board that he had received a call from Greg Braaten asking if the district could clean out a small portion of D #16 located just south of Rick Ishams. Being the equipment was already in the area he authorized Johnson Construction Company to do the work.

DELEGATIONS continued:

LeRoy and Luverne Vistad arrived at the meeting and the issue of repairing the bank erosion by their home resumed. They were informed about the funding available through the NRCS that would cover construction costs. However, the amount will depend on whether the District sponsors the project. It was also explained there may be some expenses incurred that will require a cost-share between the District and Vistads. They were asked if they would be willing to participate in a cost-share for the project. This led to discussion on other alternatives to repair the bank. Engineer Anderson had made a recommendation earlier this year, that the area be leveled out and allowed to settle. If the problem continued rip-rap should be installed. Another option mentioned was cutting the bank on the south side to incorporate the nearby coulee. The material removed from the south side could be used to repair the erosion. It was agreed that something does need to be done and an attempt will be made to find the best solution. A letter will be sent to the NRCS expressing the District's interest in applying for assistance.

Farrell Erickson reported the following for the RRWMB

The Minnesota Pollution Control Agency would like to have a representative from each watershed district participate in their water quality basin planning effort. To date, six watershed districts have selected a representative. It was suggested that those districts who haven't appointed a member consider doing so. Upon further discussion, a motion was made by Robert Severson second by Steve Erickson appointing Charlie Anderson as the Roseau River Watershed District's representative. Carried - unanimous.

OLD BUSINESS

Co. D#8 - Pat Moren informed the Board that David Dahlgren has not talked to any of the adjacent landowners about the easements needed to place the spoil on the field side of Lateral #2. Mr. Dahlgren had agreed to contact his neighbors about acquiring the new right of ways, thereby eliminating the need to appoint Viewers. Robert Severson was asked to call David about the delay. The matter will be placed on the December agenda.

Farrell Erickson reported on the information he obtained regarding the District hosting the MAWD Annual Tour with Two Rivers. The registration, advertising, and transportation will be taken care of by MAWD. Ray Bohn is the person to contact about setting up an itinerary and discussing how long the tour should be. There is talk of having the tour include some points of interest in Canada. He would be able to help make those arrangements too. Secretary Ross was asked to contact Ray about the lodging available in the area.

NORLAND - Survey crews are back in the area and should be completing the survey of the expansion.

NEW BUSINESS

A letter was received from Stan Wood, Roseau River Wildlife Management Area, regarding the annual agreement to lower the operating levels of pools 2 and 3. The letter also thanked the Board for allowing them to vary the water levels in order to improve the vegetation management in the pools. A reply will be sent acknowledging the DNR's intent to lower the operating levels. In addition the letter will thank Stan for his cooperation the past two year in drawing the pools down further to provide more flood storage benefits.

A motion was made by Farrell Erickson second by Steve Erickson appointing Kelman Kvien and Robert Severson as delegates to the MAWD Annual Meeting. Upon the same motion Farrell Erickson was appointed alternate. Carried - unanimous.

The International Coalition will hold its Annual Conference November 19 - 21, 1997 in Grand Forks, ND.

The Minnesota Association of Soil and Water Conservation Districts has it Annual Conference December 7 - 9, 1997 in Rochester.

Charlie Anderson is to contact Rob Sando and John Anderson about additional funding available through Roseau County's Local Water Management Plan. The funds would be used for digitizing soil maps on mylar.

An invoice will be sent to Rick and Rosalie Isham for their completed ring dike. Payment is due upon receipt.

RECEIPTS

USDA/CCC - CRP payments	\$19,083.00
Citizens State Bank - interest on CD #39792	3,058.36
Citizens State Bank - interest on CD #38350	6,277.15
Citizens State Bank - interest Public Now Account	228.96
Roseau County - SD #51	\$13,981.78
WD #3	321.59
D #8	599.19
tax levy	32,085.27
	<u>46,987.83</u>

TOTAL **\$75,635.30**

Motion by Steve Erickson second by Farrell Erickson to pay the following bills Carried - unanimous.

Leslie Hagen-SD #51	\$5,150.00	
brushing and snagging	150.00	
Cutoff No. 10	1,000.00	\$6,300.00
Joseph C. Novacek- Duxby Levee		200.00
Cellular One - phone		30.14
Roseau County Highway Department - D #16		251.06
City of Roseau - rent		200.00
Roseau Times Region - notice in paper		10.00
Quality Printing - Annual Report		319.50
Multi Office Products - supplies		192.66
True Value Hardware - supplies		6.70
Stuart J. Nelson - brushing and snagging		2,550.00
Jay Ostgaard - Animal Damage Control Fee		240.00
RRWMB - tax levy share		9,872.40
Johnson Construction - partial payment Isham ring dike		13,072.95
Patrick D. Moren - fees		875.00
JOR Engineering, Inc. General	\$778.66	
Roseau River Flood Plan	3,161.05	
Norland	17.18	
Lins Ring Dike	22.38	
Copier Rent	25.00	
Levees Bill	30,620.55	34,624.82
Kathy Ross - fees and supplies		341.28
Kelman Kvien - per diem and mileage		285.86
(Ring Dikes \$85.32)		
Robert Severson - per diem and mileage		62.57
Steve Erickson - per diem		50.79
Farrell Erickson - per diem and mileage		263.00
(WD #3 \$96.34)		
(Duxby Levee \$35.32)		
Citizens State Bank - payroll taxes		148.75
MAWD - registration Annual Meeting		100.00
Postmaster Roseau - stamps and postage Annual Report		<u>52.21</u>

TOTAL **\$70,049.69**

Motion to adjourn by Farrell Erickson second by Steve Erickson. Carried.

Submitted by,


Kathy Ross, Secretary

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT BOARD
OF MANAGERS MEETING HELD DECEMBER 2, 1997**

Meeting called to order by Chairman Kelman Kvien at 5:00 p.m. at the office of the watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Allison Frislie, Robert Severson, and Steve Erickson. Others attending were Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Mike Higgins, Floyd Haugen, Merlin Nelson, Wesley Pesek, Rick Isham, and Leslie Hagen.

Motion by Steve Erickson second by Farrell Erickson approving the November minutes with the correction that the meeting began at 8:00 p.m. Carried - unanimous.

DELEGATIONS

Rick Isham was present to pay his share of the ring dike constructed at his farmstead. Arrangements will be made next spring to pay Mr. Isham for seeding.

Merlin Nelson met with the Board regarding his plans to cut a ditch furrow through his land in Section 16 of Jadis Township. He asked if a permit is needed. This activity does require a permit and Mr. Nelson was given an application.

There was a lengthy discussion with Merlin Nelson and Floyd Haugen concerning the ditch cleaning in the northwest quarter of Section 10 in Moose Township. Mr. Nelson contends that Floyd has been placing the spoil removed from the ditch on top of the dike in the area. This has raised its height thereby obstructing the drainage that normally flows westward off his uncle's field. In response, Mr. Haugen believes that his ditch cleaning has not caused problems. The Board asked if Mr. Nelson would like to file a complaint on behalf of his uncle, Melford Nelson. Mr. Nelson indicated that he would. The Board then directed Engineer Anderson to inspect the area and verify if there is a violation per the Rules of the Watershed.

Wesley Pesek met with the Board about the problem he is having with the water table on his land in Section 19 of Poplar Grove. He stated the problem began when the County regraded CSAH No. 6. and installed culverts where previously there had been none. He was told this would not effect his property. But surface water is being lost and he is afraid the four shallow wells on the land will dry up. He would like to have traps placed on two of the culverts that are causing the water to drain off. It was discussed that this portion of Poplar Grove may not be in the district's jurisdiction. However, the Board did direct Engineer Anderson to review the county's plan to determine if the culverts should be there at all.

PERMITS

Motion by Allison Frislie second by Steve Erickson approving the permit application from MN DOT to remove and replace the existing bridge (Hay Creek) deck and replace rip rap at various locations. The bridge is 1.3 miles west of Salol. Carried - unanimous.

Motion by Farrell Erickson second by Allison Frislie amending permit number 208, issued to the Kittson County Highway Department, that construction of the boat ramp in Section 36 of Caribou Township has been changed from the north side of the river to the south side. Carried - unanimous.

ENGINEER'S REPORT

NORLAND - Survey crews were in the area and have finished surveying the west side of Section 36. Hopefully all the necessary information was obtained. The data is now being entered into the computer.

A letter was received from Stan Wood, Roseau River Wildlife Management Area, that they are experiencing problems with the Sheet Pile Spillways. It appears the pilings have become unstable and have risen in elevation. It was recommended that along with driving the pilings back into the ground, the overflow elevations should be reset prior to the spring runoff. There is some concern that it may be a problem finding a stable benchmark reference to ensure that the original overflow elevation can be duplicated. Eventually the pilings and sheeting will need to be replaced.

A copy of the letter sent to County Engineer Rodney Richmond was presented to the Board. The letter was in response to the November 7, 1997 correspondence sent to Kelman Kvien concerning culvert sizing for CSAH No. 27. The district granted a permit to the County with the condition the size of the culverts to be replaced should not be increased. The condition was based on the district's attempt to establish guidelines for a basin wide culvert sizing policy. The letter also states that any assistance from the County in developing such guidelines will be greatly appreciated. Engineer Anderson plans to meet with Mr. Richmond for further discussion on this matter.

The City of Roseau has asked the District to consider a bypass channel to divert the local drainage around the City. Engineer Anderson met with Dale Drown regarding a possible alignment for the proposed channel. The Board reviewed this alignment which would redirect water to a north flowing drainage ditch about a mile west of the City. The ditch would follow the north and west sides of the strip development areas along Highways 11 and 310. The outlet would be the existing off-take ditch from Highway 310 to the Roseau River. It will now be up to the City to contact the district about initiating the project. There was further discussion that funds may be available to the city through flood mitigation. Charlie will meet with City Planner Todd Peterson regarding this possible funding.

Motion by Robert Severson second by Steve Erickson authorizing partial payment of \$5,278.63 to Johnson Construction Company for work done to date on Ardmore Haugen's ring dike. Carried - unanimous.

Motion by Steve Erickson second by Farrell Erickson authorizing final payment of \$1,527.55 to Johnson Construction Company for the completion of the ring dike at Rick Ishams. Carried - unanimous.

Farrell Erickson reported the following for the RRWMB:

An update was given on the mediation process between the RRWMB and DNR. Interviews of the personnel involved from both groups were done by appointed mediators.

The Annual Conference in Thief River Falls has been scheduled for March 19 and 20, 1998. It was discussed that more of an effort should be made to encourage County Commissioners and special interest groups to attend.

The USGS has agreed to fund half the annual cost to continue operating the gage at Caribou. The RRWMB will match half of the local cost share. A motion was made by Robert Severson second by Allison Frislie to participate in the local cost share for operating the Caribou gage. Carried - unanimous.

OLD BUSINESS

Rob Sando contacted Secretary Ross regarding the \$2,000.00 allocated through the Comprehensive Local Water Plan to digitize soil maps. He wanted to know if the district had sent in a request for payment. It was suggested that its usually a good idea to submit a voucher before the end of the year. Rob also asked if the Board intends to request additional funds for 1998. If he knew the amount, he could try and include the funding in his budget. At this time the Board is not sure what they will do. The actual cost of digitizing the maps has been greater than originally proposed. The matter will be placed on the January agenda for discussion.

The Board reviewed the November 17, 1997 letter from County Engineer Rodney Richmond concerning culverts in Moose and Ross Townships. Mr. Richmond gave a lengthy report on the condition of the culverts and several different options to correct the problems experienced in these areas.

Upon further discussion a motion was made by Steve Erickson second by Robert Severson to approve the County's recommendation placing locking mechanisms on the flap gates of the culverts located at CSAH No. 16 and CH No. 139. Both are located in Moose Township. Carried - unanimous.

With respect to the culvert in Ross Township, a motion was made by Farrell Erickson second by Steve Erickson directing the County to cut off the field drain in Section 16. This action is taken because the landowner and renter of the property have not complied with the District's request to submit a petition that would have the land become part of the benefited area of WD #3. Carried - unanimous. A letter will be sent to Mr. Richmond regarding the above action taken by the Board.

NEW BUSINESS:

A motion was made by Farrell Erickson second by Steve Erickson to renew the CD which matures on 12-21-97. Robert Severson is to check on interest rates. Carried - unanimous.

Board members were mailed information on Watersheds and Stormwater Utilities. Kelman Kvien recommended that members take the time to review the handout. He found it very interesting. Engineer Anderson suggested presenting the information to the Flood Control Committee.

The Board will invite the Citizens Advisory Committee to attend the January 6th meeting.

RECEIPTS:

Roseau County - SD #51	\$30,299.62	
WD #3	1,653.90	
D #8	2,015.98	
' 97 tax levy	17,032.86	\$51,002.36
Kittson County - '97 tax levy		246.44
Roseau Post Office - refund box rent		1.00
Ricky D. Isham - landowner's share farmstead ring dike		2,642.56
Beltrami County - '97 tax levy	\$30.24	
SD #51	41.17	71.41
LOW County - '97 tax levy	\$27.12	
SD #51	8.70	35.82
Roseau County - CLWP/soil maps		2,000.00
Citizens State Bank - interest checking account		227.53
USDA/CCC - farm program		4,447.00

RECEIPTS continued:

Citizens State Bank - interest CD #39452	\$3,058.36
Marshall County - '97 tax levy	187.19
Beltrami County - SD #51	703.04
State of Minnesota - HACA	20,745.00
Citizens State Bank - interest checking account	<u>209.55</u>

TOTAL \$85,577.26

Motion by Allison Frislie second by Robert Severson to pay the following bills.

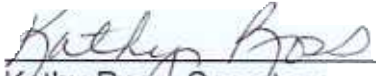
Carried - unanimous.

Postmaster Roseau - stamps and postage Annual Report	\$52.21
Leslie Hagen - brushing and snagging \$875.00	
SD #51 4,200.00	5,075.00
City of Roseau - rent	200.00
Johnston Fargo Culvert, Inc. - culverts/ring dike program	7,718.69
Cellular One - phone	30.14
RRWMB - share of tax levy	5,316.71
Patrick D. Moren - fees	468.75
Kathy Ross - fees and supplies	389.10
Kelman Kvien - per diem and mileage	139.52
Allison Frislie - per diem and mileage	78.69
Robert Severson - per diem and mileage	62.57
Steve Erickson - per diem	101.58
Farrell Erickson - per diem and mileage	131.34
Johnson Construction Company - Co. D #16	200.00
Johnson Construction Company - Ardmore Haugen/ring dike	5,278.63
Johnson Construction Company - Rick Isham/ring dike	1,527.55
Citizens State Bank - 941 payroll tax	133.11
RRWMB - tax levy and HACA share	<u>6,458.32</u>

TOTAL \$33,361.91

Motion to adjourn by Robert Severson second by Allison Frislie.

Submitted by,


Kathy Ross, Secretary