

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD JANUARY 3, 1995

Meeting called to order by Chairman Kelman Kvien at 5:05 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Robert Severson, Allison Frislie, and Farrell Erickson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, and Leslie Hagen.

Motion by Farrell Erickson to approve December minutes with the following corrections; the dam to be removed at Jerry Sjoheim's is a beaver dam, and the last sentence under SD #51, Engineer's Report, is changed to; Cutoff No. 10 also needs tree clearing. Seconded by Robert Severson. Carried - unanimous.

PERMITS

A permit application will be sent to Robert Tapa regarding proposal to drain areas in Section 29 of Reine Township. Additional information is needed describing work that will be done at cross sections.

Engineer Rood reported the following:

NORLAND - In a memo received from Mary McConnell, it appears that the project will not be released by the Corp due to their concern about the dam height in the eastern portion of the site. The height would need to be adjusted so that fill can stay out of the wetland. The area in question is less than 1/4 of an acre. Also received a letter from Mark Deutschman stating the same.

OVERALL PLAN - The background portion is being worked on.

WD #3 - In studying the benefit rolls and viewers report, there is a \$83,000.00 levee limit on the ditch system. The funds could be used to improve one of the laterals. However, this wouldn't correct the system because it is poorly designed. Any other improvements will require a petition. There was further discussion on the need to have a public meeting. An informational meeting is scheduled for February 7, 1995, at 7:30 p.m. in the Office of the Watershed at City Hall. Notices will be placed in the Roseau Times-Region and the Greenbush papers.

Farrell Erickson reported the following for the RRWMB:

Rebecca Comstock was hired to replace Mary McConnell.

The Joint MN/ND Meeting will be held January 11, 1995, 12:00 p.m. at the Westward Ho in Grand Forks. The Board's regular monthly meeting will be the morning of January 11th.

This years Annual Conference will be March 16 and 17, at the Best Western in Thief River Falls.

There was discussion regarding the Corps decision on the release of projects. At this time, the RRWMB's position is to hold off requesting any appeals.

OLD BUSINESS:

Pat Moren informed the Board that Stuart Nelson and Stoskopf's Redi-Mix still need to sign their work contracts.

Kelman Kvien has purchased four CDs on the District's behalf. One for \$100,000.00 at the Badger State Bank, and three for \$100,000.00 each at Citizens State Bank.

NEW BUSINESS:

Attorney Moren chaired the following election of Officers

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

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

Motion by Kelman Kvien to nominate Robert Severson Secretary/Treasurer, motion by Farrell Erickson to cease nominations and elect Robert Severson Secretary/Treasurer seconded by Allison Frislie. Carried - unanimous.

Motion by Robert Severson, seconded by Farrell Erickson to have the Roseau Times-Region as the official paper; and Citizens State Bank and the Badger/Border State Bank as official depositories for the RRWD. Carried - unanimous.

Motion by Allison Frislie to retain Eng. Omar Rood, Atty. Pat Moren, and Sec. Kathy Ross on a fee basis. seconded by Robert Severson. Carried - unanimous.

Motion by Robert Severson to hire Coutts, Lucke, & Associates, Ltd. to do the annual audit, seconded by Farrell Erickson. Carried - unanimous.

Motion by Robert Severson that the rate of pay to Board members remain the same as 1994 and mileage paid reflect I.R.S. standards, seconded by Farrell Erickson. Carried - unanimous.

Kelman Kvien was asked to look into hiring a farm laborer for the Norland property.

Page Three
January 3, 1995

RECEIPTS

Marshall County - 94 tax levy	\$165.88
USDA/CCC - Norland	3,895.00
State of Minnesota - HACA	20,789.00
Citizens State Bank - Public Now Account	890.04
Kittson County - SD #51	<u>993.60</u>

TOTAL \$26,733.52

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

Citizens State Bank - 3 CDs @ \$100,000.00	\$300,000.00
Badger State Bank - CD	100,000.00
Leslie Hagen - SD #51	\$2,050.00
brushing & snagging	2,575.00
Vatnsdal's Excavating - WD #3	\$550.00
Duxby	370.00
rent	200.00
Comp.	97.00
	406.25
tax levy & HACA	6,447.65
Inc. General	\$4,253.56
Diked Storage	109.50
SD #51	527.50
Norland	1,293.65
Overall Plan	2,580.00
Equipment Rent	116.00
Kathy Ross - fees	8.88 21
Allison Frislie - per diem & mileage	18 14
Farrell Erickson - per diem & mileage	7 27
(Duxby \$27.70 WD #3 \$13.85)	10 68
Robert Severson - per diem & mileage	57.19
Kelman Kvien - per diem, mileage and expenses	198.54
Citizens State Bank - 941 payroll tax	<u>84.12</u>
	\$422,278.05

Motion to adjourn by Allison Frislie, seconded by Robert Severson.

Submitted by,

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MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD FEBRUARY 7, 1995

Meeting called to order by Chairman Kelman Kvien at 5:14 p.m. in the Office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Steve Erickson, and Farrell Erickson. Others present were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Mike Higgins, Leslie Hagen, and Dale Drown.

Motion by Farrell Erickson to approve January minutes, seconded by Allison Frislie. Carried - unanimous.

Mike Higgins presented the Board with a check for the District's 1/4 share of the bluegrass crop sold for 1994. Amount listed under Receipts. The agricultural lease with Scott-Kveen Seed Company is ready to be signed and remains the same as last years contract.

Mr. Higgins was asked by the Board if he would be interested in burning approximately 1,300 acres in the Norland area this spring. There was discussion regarding the various methods used to burn fields, other alternatives to burning, and the concerns in burning such a large area.

Also, Mr. Higgins asked about the status of the Norland Project. He was informed that the project ~~was~~^{will} not be released by the COE due to ~~their~~ concern with the height of the dam.

Engineer Rood reported the following:

Received the permit application from the City of Roseau regarding the Golf Course expansion. It is recommended the permit be denied. A list of comments on the letter from Floan and Sanders was presented. One problem is that the existing ditch will cause water to pool on Randy Lofstedt's land. Dale Drown, City of Roseau Superintendent, was called and asked to come to the meeting at this time. Once present, the Board and Engineer Rood discussed their concerns with him. It was the consensus of those present, that further conversations will be needed between the District and the City of Roseau's engineers to resolve this matter. Motion by Steve Erickson to table the permit until Eng. Rood can meet with Dean Wieland, seconded by Allison Frislie. Carried - unanimous.

On another item, Floan and Sanders are working with the City of Roseau on their stabilization ponds. This will involve reconstructing an outlet ditch on either the east or west side of the road. It is recommended to use the west side. They would like to meet with the Watershed, Roseau City Officials, County Engineer, and County Commissioners on the issue. The Board would be available to attend such a meeting.

Engineer's report continued:

OVERALL PLAN - Next month will submit outline for approval.

There was discussion on supporting the Two Rivers Watershed District's request to reclassify wetlands in their area. The Red River Watershed Management Board would be asked to provide the funding.

EIS - Attended the last meeting of the Social/Economics Work Group. A draft should be available at the end of March.

CHANNELIZATION OF ROSEAU - Rick Carlson, COE, will send the results of the Benefit-Cost Ratio. A request was made to clarify the numbers in the report and to include a 20, 30, and 40 year event.

Meeting was recessed at 7:25 p.m.

As noted in the Roseau Times-Region and the Tribune, at 7:30 p.m. a Public Informational Meeting was held to discuss WD #3.

Regular meeting resumed at 8:55 p.m.

Donald Stoskopf, Stoskopf's Redi-Mix, met with the Board on the removal of the walkway and piers on the City Dam. He is having trouble doing the job due to this winters mild weather. There was discussion on using a backhoe to pull the concrete out if the dams water level could be lowered a couple of feet. At this time, it would be possible to partially complete the project by removing the walkway and cutting the piers half way down. The approximate cost of this portion would be about \$10,000.00. The remainder of the work would be done as conditions allowed, with the balance of the contract paid then. Mr. Stoskopf requested an Act of God clause added extending the March 1, 1995 deadline if needed. Motion by Allison Frislie to approve the addition of the Act of God clause extending the deadline, and the partial completion of the project, seconded by Farrell Erickson. Carried - unanimous.

Farrell Erickson reported the following for the RRWMB:

E.I.S. - The RRWMB would like to have comments on the EIS progress report that was sent to Board members. Steve Eggers has replaced Paul Reichert.

There was discussion on the changes in land determinations.

John Finney was elected Vice Chairman.

The next meeting will be February 21, 1995 in Ada, MN.

OLD BUSINESS:

The District will receive \$11,326.00 in disaster payments for the 1994 canola crop that was unable to be harvested. The payments does require that C.A.T. insurance be applied for the 1995 canola crop.

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Meeting - WP #3

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Marlin Liddell	528-3704
Darrell Linn	528-3784
Melford Nelson	528-3772
Floyd Haugen	528-3774
Chas. Erickson	463-6999

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528-7811

Donald P. Storkott
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MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD MARCH 7, 1995

Meeting called to order by Chairman Kelman Kvien at 5:08 p.m. 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. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Mike Higgins, and Leslie Hagen.

Motion by Allison Frislie to approve February minutes with the following correction. Page 1, under Delegations, the last sentence is changed to; He was informed that the project might not be released by the COE due to concerns with the height of the dam. Seconded by Farrell Erickson. Carried - unanimous.

PERMITS

Motion by Allison Frislie, seconded by Steve Erickson, to table permits from Douglas C. Erickson, and Elhue and Evelyn Castle until additional details are received explaining their proposed projects. Carried - unanimous. Letters will be sent requesting the information needed.

Motion by Steve Erickson approving the permit from the Roseau County Highway Department to replace existing Bridge No. 92227 and install 2-lines of 138" Span RCP-A culverts, located south of the NW corner of Sec. 14, T161N, R39W. Seconded by Farrell Erickson. Carried - unanimous.

Mike Higgins submitted his bill for the work done on Norland to create a fire break. Kelman Kvien will apply for a fire permit. Received a refund from Scott-Kveen Seed Company for canola seed not used in 1994.

Engineer Rood reported the following:

NORLAND - On February 27, received a fax from Mark Deutschman stating the COE has released the project under nationwide permit number 26, providing the list of conditions included are met. The next phase regarding the project will be trying to obtain funds through Wetlands Restoration Credits, and to begin the process of establishing an escrow account. On March 16, 1995, there will be a meeting on wetland credits in Thief River Falls at 9:00 a.m.

There was discussion on the two bills currently before the state house and senate on wetland rules changes. It is recommended that the Board give it's approval to letters of support on House File 593 and Senate File 483 as introduced by Representative Jim Tunheim and Senator Leroy Stumpf. Motion by Farrell Erickson, second by Steve Erickson to issue a resolution of support for House File 593 and Senate File 483. Carried - unanimous.

Engineer' report continued:

NORLAND CONTINUED - In other legislative matters, a motion was made by Steve Erickson to support the change added to the Amendments to the Wetland Conservation Act that CRP land status does not change for Wetland Mitigation Banking purposes, seconded by Allison Frislie. Carried - unanimous.

Other items regarding Norland, Roy Losse has 80 acres that are effected by back water. By making the channels wider the project can be designed so that the land would not be effected. However, it may be more practical to look into purchasing the land versus altering the channels width.

Jim Smedsmo has stated an interest in selling his 120 acres in Section 21 to the District.

The right-of-way easement with Lester Grafstrom still needs to be worked out.

The ASCS office will need to be contacted regarding how CRP contracts are effected when acres are taken off to widen a ditch. Also, a request for an extension may be needed for most of the Hauger land that will be out of CRP in 1995.

Finally, a motion was made by Steve Erickson to initiate the start of the Norland Wetland Restoration and Flood Control Project, #95-1, in accordance with Watershed Law 103D.701, seconded by Farrell Erickson. Carried - unanimous.

CHANNELIZATION OF ROSEAU - Received the results of the Benefit Cost Ratio from the COE. The report shows a ratio of 1.07, compared to the ratio of 0.57 from the January 1994 report. This does include the additional information and changes requested. There was discussion regarding what the District's next step should be. A major concern will be obtaining the right-of-ways needed for either starting the channel from the Roseau dam or the idea of building a diversion ditch to the Roseau Lake Bottom.

Leslie Hagen presented his b for work done Amount isted under Bills.

Meeting was recessed at 6:50 p.m.

At 7:00 p.m. the RRWD Board of Managers met with the Roseau River Management Board and Doris Hanson, Foresight Consulting, to sign the Joint Powers Agreement so that funds can be applied for the second phase of the Local Management Plan for the Roseau River. A motion was made by Allison Frislie to approve the signing of the Joint Powers Agreement, seconded by Robert Severson. Carried - unanimous.

Page Three
March 7, 1995

Meeting called back to order by Chairman Kvien at 7:17 p.m

Engineer's report continued:

ROSEAU DAM - Stoskopf's Redi-Mix was able to complete the job.

OVERALL PLAN - Presented the rough draft on the plans outline.

There was a discussion regarding the cost of running the gaging station at Ross which has been discontinued by the USGA. The cost of operating the station is \$8,250.00. The District would be able to assess SD #51 for half of the money needed. The second half would be from funds requested through the RRWMB. Motion by Farrell Erickson to continue the gaging station at Ross, with funding from the Red River Watershed Management Board and assessments to SD #51, seconded by Steve Erickson. Carried - unanimous.

Dean Weiland will be sending the Board a new permit application for the City of Roseau's golf course expansion.

It is recommended that the Board look at using SD #51 funds to purchase a right of way easement from John Wahlberg on the Jadis Dike. The current diking policy rules call for a 300 feet set back. However, the Jadis dike is grandfathered, and would need to be moved back 100 feet in order for it's banks to be stable. After further discussion, it was the consensus of the Board to talk with Mr. Wahlberg about allowing the District to set back the dike and being able to use the land in between to help maintain SD #51.

Farrell Erickson reported the following for the RRWMB:

Received a report from HDR Engineering on the Environmental Assesment process.

There was discussion on the redetermination of prior converted wetlands.

OLD BUSINESS:

Farrell Erickson was contacted by Melford Nelson about continuing to pursue a solution to WD #3. There was discussion regarding how the funds that are available could be used, but ultimately it is the landowners involved who will have to decide on how to proceed. Furthermore, it is the consensus of the Board that the original benefit of \$80,000.00 is not sufficient to fix all known deficiencies of the WD #3 system. Engineer Rood did suggest renting a mower, capable of mowing ditch bottoms, from the Roseau County Highway Department to be used for WD #3. Motion by Farrell Erickson to rent from the Roseau County Highway Department a mower for use on WD #3, seconded by Robert Severson. Carried -unanimous.

Duane Comstock contacted Kelman Kvien about doing work on WD #8.

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MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD APRIL 4, 1995

Meeting called to order by Chairman Kelman Kvien at 5:05 p.m. 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. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Leslie Hagen, and Edgar Erickson.

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

DELEGATIONS:

Leslie Hagen presented his bill for work done on the Roseau River and SD #51.

Edgar Erickson was present to ask about the status of WD #3. He was informed it was the Board's consensus that the landowners in the area need to decide on how to proceed with having the ditch system improved.

PERMITS:

Motion by Robert Severson to approve the permit from US West Communications to install new lines in the Pine Creek area subject to conditions on burial depth. Seconded by Allison Frislie. Carried - unanimous.

Motion by Robert Severson to approve the revised permit from the City of Roseau on its golf course expansion, subject to the agreement with the City, to maintain the ditch as needed or when contacted by Randy Lofstedt. Seconded by Farrell Erickson. Carried - unanimous.

Motion by Farrell Erickson to approve the permit from Elhue and Evelyn Castle to construct a road for building sites in Section 30 of Spruce Township, seconded by Robert Severson. Carried - unanimous.

Engineer Rood reported the following:

NORLAND - On March 16 attended the meeting on Wetland Banking Credits. In discussions with Brian Dwight, John Geneski, Russ Larson and Rob Sando, a determination on what credits are available will be needed. It is noted that MN DOT has budgeted one million dollars for buying wetland credits. Changes on wetland rules continue at the legislative level.

Other items regarding Norland, the DNR has questioned whether the District will apply for a Flood Damage Reduction Grant. At this time the project may miss the 1995 grant cycle, as requirements of the grant include having a completed design and permit issues resolved. The next grant cycle would be in 1997.

Page Two
April 4, 1995

Engineer's report continued:

NORLAND CONTINUED - Kelman Kvien has contacted Roy Losse about selling his 80 acres to the district. He said that he would consider the offer. Jim Smedsmo will sell his 120 acres in Section 21 to the district for \$100.00 an acre plus all closing costs. After much discussion a motion was made by Steve Erickson to approve the purchase of 120 acres in Section 21, for \$12,000.00 and closing costs, seconded by Farrell Erickson. Opposed by Allison Frislie. Robert Severson declined to vote. Motion passed 3 to 1.

Met with Darryl Lins regarding the ring dike he would like to have constructed on his property. There was discussion on applying for a Flood Damage Reduction Grant which would cover up to 50% of the project. The remaining cost would be paid through local support of the district and landowner. There was further discussion on whether the funding applied for through the State is available only when a ring dike is to be constructed on a farmstead, Eng. Rood will look into this. Motion by Steve Erickson to initiate the start of the Lins Ring Dike, project #95-2, seconded by Robert Severson. Carried.

OVERALL PLAN - Presented copies of the Draft Outline for Board members to review. Any comments or corrections are requested. The next step will be mailing out an approved draft outline to the various agencies.

ANNUAL REPORT - Board members were asked to review the draft and make any corrections necessary.

CHANNELIZATION OF ROSEAU - Sec. Ross was asked to research the 1985 summer flood for damages sustained to property in the City of Roseau. In checking with the insurance agencies operating at the time there were no flood claims made. This would ^{represent} ~~represent~~ an estimated \$500,000.00 a year savings in flood control. ^{provide} ~~provide~~

E.I.S. - Presented copies of the Preliminary Draft ^{damage} ~~damage~~ Environmental Impact Statement. In reviewing the portion of the draft involving the RRWD many corrections are needed. All comments are to be made through the RRWMB. But, it may be necessary to make comments separate from the RRWMB on the errors found in the subbasin information.

April 4, 1995

Page Three

Farrell Erickson reported the following for the RRWMB:

The Board approved the District's request for funding half of the cost of resuming operations at the Ross gauge.

There was discussion on Two Rivers WSD lawsuit with SCS regarding the Klondike II project. The significant problem is the COE claims the area does not qualify as "previously converted".

OLD BUSINESS:

John Wahlberg has yet to be contacted regarding the District's proposal to set back his dike along SD #51.

All farmland in Norland will be signed up under the 0 in 92 program. Crops can be certified up to June 30, 1995.

NEW BUSINESS:

Mike Grahn would like to see a draft of a proposed project to have a dike constructed in Sections 1 and 2 of Spruce Township. This may provide an opportunity for the District to look into revising the Haycreek project, separate from Norland, and having this area included.

There was a discussion regarding the benefits to the portion of SD #51 in Kittson County, from having culverts and traps installed.

There was continued discussion on whether the Board should proceed with the Channelization of Roseau or develop the alternative plan to construct a diversion ditch to the Lake bottom. At this time the Channelization project has a B/C ratio of 1.1. ^{dike} This may be increased by having the hydrology and hydraulic reports redone. The issue of the district spending its time and money on a preliminary design for the diversion ditch, without knowing what the public's responses will be was brought up. It was asserted that an estimate is necessary on the cost of constructing a diversion ditch in order to present a comparison of the two plans for public opinion. A motion was made by Steve Erickson authorizing Engineer Rood to begin the preliminary design concept for the diversion ditch, seconded by Kelman Kvien. Opposed by Allison Frislie and Robert Severson. Motion passed 3 to 2.

The time of the regular monthly meetings of the Board of Managers will be 7:30 p.m., May through October, 1995. A notice will be placed in the Roseau Times-Region.

RECEIPTS:

Citizens State Bank - Pub ic Now Account	\$233.04
TOTAL	\$233.04

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MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD MAY 2, 1995

Meeting called to order by Chairman Kelman Kvien at 7:39 p.m. 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. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Marlin Elton, Stanley Rice, Stuart Rice, Michael Bakken, and Leslie Hagen. Canadian delegation Bill King, Wally Happychuk, Emil Pomrenke, and Peter Friesen.

Motion by Steve Erickson to approve April minutes with the following corrections. Under Engineer's Report, Page Two, CHANNELIZATION OF ROSEAU the last sentence is changed to, This COE project would provide an estimated \$500,000.00 a year savings in flood control damage. Page Three, under New Business, the correct B/C ratio is 1.1 to one. Seconded by Robert Severson. Carried - unanimous.

DELEGATIONS:

Engineer Rood and Kelman Kvien were contacted by landowners from Manitoba, Canada regarding problems that they alleged were being caused by too much water being let in from the RRWD. A tour of the District, beginning at Lancaster to Roseau, was arranged and given by Engineer Rood the day of May 2nd. The group concluded their tour by attending the Board's 7:30 p.m. meeting. The landowners found the tour very informative and requested another tour for sometime in June. This would be for approximately 20 to 25 other landowners from various municipalities and representatives from Agriculture Canada. A tentative tour date is set for June 27, 1995 at 9:00 a.m..

Marlin Elton, Stanley Rice and Stuart Rice were contacted by Kelman Kvien regarding a permit submitted by Gilmore Flaten. The permit requests the installation of a trap along County Ditch 17, between Sections 5 and 8 of Dieter Township. There was discussion on how a trap would effect their adjoining properties. Items discussed were the type of trap that would be best suited for the area, and the need for maybe a second trap installed at the next section line. Another issue discussed was that County Ditch 17 is not an effective drainage system. In July of 1994 there was an informational meeting held with landowners of Dieter Township on the proposed construction of a new ditch system ^{agony} from Co. D #17. No action was taken due to the cost of such a project. Motion by Allison Frislie to table the permit from Gilmore Flaten until further information is available on water level elevations and adding a second trap. Seconded by Farrell Erickson. Carried - unanimous.

Engineer Rood reported the following:

The permit for the City of Roseau's golf course expansion has yet to be issued. The City would not agree to any future maintenance plan for the ditch that effects Randy Lofstedt's property. It was recommended by Atty. Moren that a member of the Board meet with the City Council to explain that they are only acting upon a complaint from the landowner and are willing to work with the City to solve the problem. Kelman Kvien will attend the June meeting of the City Council. The matter is tabled until next months meeting.

FLOOD CHANNEL - The design concept for the diversion ditch should be available at the July meeting. Pat Moren informed the Board that the City Council is enthusiastic about the idea.

LINS RING DIKE - Will send Ron Adrian a letter regarding the project that it may be late June or early July before the engineering could be started. There was further discussion regarding the funding of this project. In talking with Joe Gibson there is the possibility that only 25% of the cost of the project would be available through the Flood Damage Reduction Grant. The remaining 25% would need to be paid through local support. The project would still be a benefit to the District, despite the additional cost, as it will serve as an example for future ring dikes. Darryl Lins has contacted contractors on beginning construction.

ANNUAL REPORT - Is completed. Motion by Robert Severson to accept the 1994 Annual Report, seconded by Farrell Erickson. Carried - unanimous.

OVERALL PLAN - Board members were asked to continue to review and comment on the draft outline. It may be necessary to delay sending out the approved outline. Once it is sent a time limit is imposed to have the plan completed. The next step will be identifying problems and their solutions within the District and making a priority list as to what is reasonable, practical and doable. It is suggested that the Board spend 15 minutes at each meeting to discuss this phase of the Overall Plan.

NORLAND - Will be meeting with Brian Dwight, Russ Larson, and Rob Sando, May 8th to discuss Wetland Credits. Legislation is winding down. It appears that the Munger Bill (BWSR) should be accepted. It is suggested that the Board apply for a \$800,000.00 Flood Damage Reduction Grant for Norland. This would provide an opportunity for funding in 1996 should wetland credits be unavailable. Motion by Farrell Erickson to apply for a \$800,000.00 Flood Damage Reduction Grant for the Norland Project, seconded by Steve Erickson. Carried.

Leslie Hagen presented his bi for work done areas of WD #3, SD #51 and the Roseau River.

Page Three
May 2, 1995

Farrell Erickson reported the following for the RRWMB:

Ron Osowski and Don Ogaard attended a special meeting to discuss the EIS document. Results of the meeting were positive.

On April 18th there was a tour of Moorhead, Dilworth, Glendon, and Halley. The Buffalo Watershed District is asking for a cost share from the RRWMB in order to fund diversion ditches in these towns. Funding has yet to be approved.

The next meeting will be June 5, 1995 in Breckenridge.

OLD BUSINESS:

The purchase agreement with Jim Smedsmo is ready to be signed. Atty. Moren requested a check for \$100.00, earnest money.

CUTOFF NO. 2 - Motion by Allison Frislie to withdraw the Thorbus property from WRP, seconded by Robert Severson. Carried - unanimous.

NORLAND - There was discussion on the mobile home owned by Robert Welin located in Section 20. The Board is planning a controlled burn in this area and have concerns with the District being exposed to liability and property damage. Upon further discussion a motion was made by Farrell Erickson to send Mr. Welin a letter requesting the trailer be removed, seconded by Robert Severson. Carried.

NEW BUSINESS:

Kelman Kvien attempted to meet with the County Commissioner regarding the Norland project and the diversion ditch, but was unable to get on the agenda.

Received the 1994 audit. In reviewing the report there are items that should be noted for inclusion in next years audit. Motion by Allison Frislie to accept the 1994 audit, seconded by Farrell Erickson. Carried - unanimous.

RECEIPTS:

USDA/CCC - Disaster payment '94' canola crop	\$7,364.00
Citizens State Bank - Public Now Account	<u>142.46</u>

TOTALS	\$7,506.46
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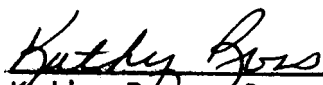
Page Four
May 2, 1995

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

Minn. Work Comp. Assigned Risk Plan - add'l premium	\$22.00	
Leslie Hagen - SD #51	\$2,300.00	
WD #3	900.00	
brushing and snagging	1,000.00	4,200.00
James R. Smedsmo and Beverly J. Smedsmo - Norland		100.00
Roseau Agency, Inc. - Public Official Liability		2,310.00
Roseau Agency, Inc. - Renters Insurance		171.00
City of Roseau - rent		200.00
Richard Sellheim - Animal Damage Control Fee		375.00
ONEil Foster - Animal Damage Control Fee		255.00
Mitch Chrzanowski - Animal Damage Control Fee		990.00
Gary Gustafson - Animal Damage Control Fee		120.00
Jacob Chrzanowski - Animal Damage Control Fee		375.00
Randy Erickson - Animal Damage Control Fee		360.00
Pat Moren - fees		781.25
JOR Engineering, Inc. General	\$1,197.73	
SD #51	274.05	
Norland	230.58	
WD #3	37.50	
Flood Channel	37.50	
Annual Report	147.50	
Overall Plan	1,067.05	
Equipment Rent	58.00	3,049.91
Kathy Ross - fees		166.23
Kelman Kvien - per diem, mileage and expenses (Norland \$82.87)		357.42
Robert Severson - per diem and mileage		110.33
Steve Erickson - per diem		46.17
Farrell Erickson - per diem and mileage (WD #3 \$19.07)		79.17
Allison Frislie - per diem and mileage		72.27
Citizens State Bank - 941 payroll tax		<u>95.63</u>
TOTAL		\$14,236.38

Motion to adjourn by Allison Frislie

Submitted by


Kathy Ross, Secretary

MAY 3 995

Bill King Box 3 A- ROA OBO 20 427
WALLY HAPPYCHUK BOX 0 V TA MAN 204 425 3436
Michael Bakken RR 3 Cookston MN ROA 2 KO 28 712
Marvin Elton Roseau 463 2030
Stanley Rice Roseau 463 1974
EML POMRENE Box 114 EMERSON MN ROA 6.0
209 373 2347
PETER FR SEN Box 248 ST MARYS MB A A T
Stuart Rice Roseau Mn. 209 427-0393
463 3309

MINUTES OF THE ROSEAU RIVER WATERSHED MANAGEMENT
BOARD OF MANAGERS MEETING HELD JUNE 6, 1995

Meeting called to order by Chairman Kelman Kvien at 7:43 p.m. in the Office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, and Farrell Erickson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Dale Drown, Dean Weiland, Collin Jensen, Mike Grahn, and Leslie Hagen.

Motion by Farrell Erickson to approve May minutes with the following correction, Page One, under DELEGATIONS, second paragraph, the proposed ditch system would go south from Co. D #17. Seconded by Robert Severson. Carried.

DELEGATIONS

Dale Drown, City of Roseau Superintendent, and Dean Weiland of Floan and Sanders, met with the Board regarding the permit for the golf course expansion. The permit requires the ditch to be cleaned when there is a foot of water present. The City has agreed to this condition providing Bergland Development, the owners of the lot on the north side of the ditch, are also listed on the permit. The City felt that it should not be solely responsible for the maintenance when the portion of the ditch that goes on to private land would be difficult to monitor. The permit will be issued to the City of Roseau and Bergland Development.

Mike Grahn and Collin Jensen were present to discuss with the Board and Dean Weiland the upgrading of the City of Roseau's stabilization ponds. The first phase of the plan involves regrading the dike on the existing pond to allow for more storage and to meet current MPCA standards. The second phase is to add two more cells on the west side of the pond. This will cause the need for an outlet ditch. It was further discussed whether the ditch would be best suited running on the east or west side of the dike. The RRWD and Spruce Township Board would prefer the west side, while the County Engineer would like to see it on the east side. Mike Grahn, who owns land in the area, stated that as long as he has good drainage either side would be fine with him. Floan and Sanders will keep in contact regarding this matter and will work with the District on submitting the required permits.

PERMITS

Motion by Allison Frislie approving the permit from Daryl Wicklund to install traps on two culverts in Section 15 of Moose Township, with the condition that the traps are to be removed if water backs on to adjoining properties, seconded by Robert Severson. Carried - unanimous.

Motion by Farrell Erickson approving the permit from the Roseau County Highway Department replacing the existing bridge with a double line of 169" RCP arch culverts in Section 19 and 20 of Golden Valley Township, seconded by Allison Frislie. Carried - unanimous.

Page Two
June 6, 1995

Engineer Rood reported the following:

OVERALL PLAN - Will have information ready for discussion at next months meeting.

Received a call from the Roseau County Auditors office questioning whether SD #51 assessments should be on two 40 acre parcels owned by Bob Phillipe. In November of 1991 he made a request to the Board to have his land realigned out of the District. At the Board's December 3, 1991 meeting it was determined that the district did not have the authority to do so. A hearing with the State of Minnesota would be required to have the land removed and a letter was sent to Mr. Phillipe explaining this. Robert Severson was asked to contact him on the matter.

NORLAND - Will be attending another meeting on Wetland Mitigation Banking June 12, in Roseau. There still hasn't been a response from Roy Losse regarding the District's offer to purchase his 80 acres.

Charlie Anderson has joined JOR Engineering, Inc., and will have an office in Alexandria.

Presented copies of the MAWD 1995 Legislative Session Summary for discussion. Governor Carlson vetoed funding for beaver control to the joint powers board formed by 14 counties, including Roseau County. The amendments to the Wetlands Conservation Act did not pass.

Farrell Erickson reported the following for the RRWMB:

A motion was made by Allison Frislie supporting the General Resolution authorizing the Red River Watershed Management Board to expend funds to provide legal assistance relative to the permitting of projects that are being held in abeyance until the completion of the Environmental Impact Assessment. Seconded by Robert Severson. Carried - unanimous.

At the June 5th meeting in Breckenridge the Boise de Sioux Watershed District gave a tour of the Tintah Slough.

The RRWMB will provide financial support for the first year of the Red Lake Watershed District's water quality project. The project will take three years to complete.

The next meeting is tentatively set for June 20th in Ada, MN.

OLD BUSINESS

There was discussion regarding the crossing installed by Ardmore Haugen in Ross Township. Sec. Ross was asked to go through past minutes to see if there is any mention of having the crossing removed.

R & Q Trucking has leveled the spoil on D #8.

Dirt needs to be leveled on WD #3 by Robert Lee's.

There has been no response from Robert Welin regarding the removal of his trailer in Section 20 of Norland.

90.711.70

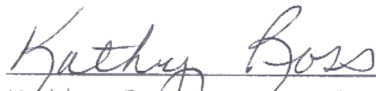
Page Four
June 6, 1995

Bills continued:

Richard Sellheim - Animal Damage Control Fee	\$165.00
Jason Monsrud - Animal Damage Control Fee	585.00
Mark Beito - Animal Damage Control Fee	225.00
Russell Mitterling - Animal Damage Control Fee	300.00
Mike Wilebski - Animal Damage Control Fee	300.00
Kathy Ross - fees	160.69
Kelman Kvien - per diem, mileage and expenses (D #8 \$33.50 Norland \$17.04)	172.44
Allison Frislief - per diem and mileage	72.27
Robert Severson - per diem and mileage	57.19
Farrell Erickson - per diem and mileage	73.95
Citizens State Bank - 941 payroll tax	<u>75.60</u>
TOTAL	\$32,421.80

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

Submitted by,


Kathy Ross, Secretary

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD JULY 11, 1995

Meeting called to order by Chairman Kelman Kvien at 7:31 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Steve Erickson, and Farrell Erickson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, and Leslie Hagen.

Motion by Allison Frislie to approve June minutes, seconded by Farrell Erickson. Carried - unanimous.

Engineer Rood reported the following:

Reviewed the itinerary of the June 27, 1995 district tour with the delegation from Canada. The tour included information and stops along SD #51 (Cutoff 10 and Roseau River), County Road 7 which controls overflow from the Roseau River into the Two Rivers Drainage Basin during major floods, SD #20, Duxby Levee, Watershed Ditch #3, Hay Creek Project, Norland Project, Ross, and the Roseau River Wildlife Management Area. The tour went very well and it was the consensus of the group that the district's water management practices are more conservative than ones implemented in their area of Canada.

LINS RING DIKE - Will be meeting with Daryl Lins next week.

DIKED STORAGE - Motion by Steve Erickson to approve the amendment to the Flood Damage Reduction Agreement extending the expiration date to June 30, 1996, seconded by Farrell Erickson. Carried.

NORLAND - At the June 12, 1995 meeting with BWSR a preliminary agreement was reached on how to evaluate the site's existing conditions for determining future Wetland Credits. The agreement is based on using the NWI map for the before conditions. A copy of the map indicating what areas will receive full credit was presented. The map also shows the acres that will receive half credit for being partially drained. Land that is not drained will receive zero credits. The Corps of Engineers has stated their willingness to accept Minnesota's determination of credits. The next project step will be developing a marketing plan for selling Wetland Credits, obtaining easements and to continue purchasing available lands above the pool.

FLOOD CHANNEL (CITY OF ROSEAU) - Talk continues on how to proceed with this proposed project. Three separate designs were reviewed showing the different ways that water could be diverted from the City of Roseau. Some issues discussed were what funding would be available for such a project, removing Roseau from the flood plain, devising a plan that will meet with public approval, and including agricultural drainage and crossings. Cost and acquiring right-of-ways remain the biggest challenge for a project of this size.

196.79

Page Three
July 11, 1995


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

Leslie Hagen - SD #51		\$2,500.00
Brandt's Restaurant - district tour		203.67
Leslie Hagen - SD #51	\$1,250.00	
brushing and snagging	1,550.00	2,800.00
City of Roseau - rent		200.00
Roseau Times-Region - notice in paper		4.00
Quality Printing - 75 copies Annual Report		240.16
R & Q Trucking, Inc. - D #8		2,750.00
RRWMB - tax levy share		25.77
Pat Moren - fees		406.25
JOR Engineering, Inc.	General	\$2,001.88
	SD #51	280.65
	Norland	6,167.84
	Diked Storage	89.85
Flood Channel (City of Roseau)		187.50
	Annual Report	44.88
	Equipment Rent	58.00
Kathy Ross - fees and postage		8,830.20
Farrell Erickson - per diem and mileage		329.92
Allison Frislie - per diem and mileage		180.28
Steve Erickson - per diem		144.55
Kelman Kvien - per diem, mileage and expenses (Norland \$87.19)		60.03
Citizens State Bank - 941 payroll tax		272.13
Lynelle Thompson - Animal Damage Control Fee		143.30
Russell Mitterling - Animal Damage Control Fee		555.00
		<u>105.00</u>

TOTAL \$19,750.26

Motion to adjourn by Farrell Erickson

Submitted by,


Kathy Ross, Secretary

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD AUGUST 8, 1995

Meeting called to order by Chairman Kelman Kvien at 7:38 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Robert Severson, and Farrell Erickson. Others attending were Eng. Omar Rood, Eng. Charlie Anderson, Atty. Pat Moren, Sec. Kathy Ross, Tom Johnson, Leonard Johnson, and Leslie Hagen.

Motion by Robert Severson to approve July minutes, seconded by Farrell Erickson. Carried.

DELEGATIONS

Tom and Leonard Johnson were present to ask why trees were being cleared along the river 6 1/2 miles south of Roseau in Stafford Township. For several years they have maintained this area of their property as a habitat for wildlife. It is the Board's position that any log jams and fallen trees need to be removed in order to keep them from piling up under the bridges farther north on the river. However, the Board will speak with Leslie Hagen who is contracted by the district for tree removal, about possibly using more discretion on what is removed and contacting landowners before he begins working in their areas.

Engineer Rood reported the following:

Engineer Rood informed the Board that ~~he will be resigning as the District's engineer~~. He has accepted a job based out of the Twin Cities and for the next three months will be available on a time limited basis. His partner, Charlie Anderson, will be ^{assisting in} taking over the position. Tana Hultgren and Mike Bakken from the Crookston office will also be available.

OVERALL PLAN - Presented the first pass at drawing out areas of potential within the district. The map should be useful in organizing the report. It is recommended to begin by listing the problems in each of these areas.

Collin Jensen and Grahn Farms will be in litigation over Grahn's permit violation.

The easement with the City of Roseau, Bergland Enterprises, Inc., and Randy Lofstedt has been revised. Repairs will be done to re-route the existing ditch that has been causing drainage problems for Randy Lofstedt.

NORLAND - Brian Dwight, BWSR, will be coming to Roseau to evaluate the sites that will be receiving future Wetlands Credit. Will contact Roy Losse on purchasing his 80 acres and Lester Grafstrom regarding easements.

Engineer's report continued:

SD #51 - Cleaning should be done on the cutoff by Kittson County. There was renewed discussion on the Jadis Dike. The dike needs to be set back 100 feet to help stabilize its banks. This may be feasible to do as the districts next project should plans for the proposed Roseau Flood Channel not go through.

ROSEAU FLOOD CHANNEL - Presented two designs showing how water could be diverted from the City of Roseau. The first design shows the diversion ditch following section lines eliminating the need to cut across fields. Two concerns with this design are six crossings would need to be installed and more dirt moved as its a larger project. The second design has two less crossings, requires less dirt to be moved, follows drainage patterns better, and allows the bulk of the City of Roseau to be moved out of the flood plain. However this design will cut through sections. Other items to consider are including improvements to widen the channel in some areas through the city and looking at including the Roseau Lake into the project. After further discussion it was agreed to present the second design at a joint meeting of the Board and the Roseau City Council. Pat Moren will contact the City Clerk to schedule a time for a meeting in September or October.

Les Hagen presented his bill for work done on SD #51, Ditch #8, and the Roseau River. The Board did discuss with him the concerns made by Leonard and Tom Johnson.

Farrell Erickson reported the following for the RRWMB:

There will be a meeting September 6, 1995 in Bemidji, MN regarding the study by the Environmental Quality Board on regional government reorganization.

EIS - There was discussion that the study is not going as well as planned. The technical appendencies that were rewritten after the first rough draft are much better.

The ad valorem tax for 1996 will be the same as last years. A committee has been formed to do a study on agricultural diking.

Received a progress report on the continuing lawsuit regarding the Klondike II project.

The next meeting will be September 19, 1995 in Fertile, MN.

Page Three
August 8, 1995

OLD BUSINESS:

There was discussion on whether the bottom of WD #3 has been mowed. Farrell Erickson will check on the matter.

Daryl Lins has requested a trap for the culvert on the crossing that goes onto his property.

NORLAND - 240 acres have been sprayed. Mike Higgins would like to rent from the district again for 1996.

NEW BUSINESS:

It was reported to the Board that Rodney Paulsen wants a ditch constructed from north of Fox to the Roseau River.

Motion by Robert Severson to approve the following Proposed Budget for 1996, seconded by Farrell Erickson. Carried.

Administration Fund	\$55,000.00
Engineering Fund	24,000.00
Red River Watershed Management Board	30,000.00
Palmville Project Fund	1,000.00
Duxby Levee Fund	1,000.00
Snagging & Sandbar Removal Fund	20,000.00
Norland Restoration Fund	15,000.00
Diked Storage Fund	1,000.00
Roseau Flood Channel	<u>10,000.00</u>
	\$157,000.00

Notice to be placed in the Roseau Times-Region for a hearing on the Proposed Budget at the September 5, 1995 meeting at 8:00 p.m

RECEIPTS

State of Minnesota - Duxby Levee FDR Grant	\$55,000.00
Citizens State Bank - Public Now Account	218.12
Lake of the Woods County - SD #51	617.52
State of Minnesota - HACA	19,791.00
Kittson County - 95 tax levy	250.80
USDA/CCC - Norland	<u>3,973.00</u>

TOTAL	\$79,850.44
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Page Four
August 8, 1995

Motion by Farrell Erickson to pay the following bills, seconded by Robert Severson. Carried.

Leslie Hagen - SD #51	\$2,325.00	
D #8	100.00	
brushing & snagging	1,525.00	\$3,950.00
R & Q Contracting - WD #3	\$275.00	
dam removal	406.72	681.72
City of Roseau - rent		200.00
RRWMB - share of tax levy		6,166.71
Raynold Monsrud - Animal Damage Control Fee		420.00
Slater Spraying Service, Inc. - Norland		2,261.72
Pat Moren - fees		562.50
JOR Engineering, Inc. General	\$950.91	
SD #51	1,703.34	
Norland	1,600.65	
Diked Storage	117.50	
Roseau Flood Channel	3,495.60	
Equipment Rent	58.00	7,926.00
Kathy Ross - fees and supplies		158.26
Farrell Erickson - per diem and mileage		125.53
Kelman Kvien - per diem and mileage		134.24
Robert Severson - per diem and mileage		176.20
Citizens State Bank - 941 payroll tax		<u>86.15</u>
TOTAL		\$22,849.03

Motion to adjourn by Farrell Erickson

Submitted by,


Kathy Ross
Secretary

JOINT Informational Meeting - Roseau
River Watershed District and Roseau
City Council - September 5, 1995 6:30
p.m. Re: Discussion of Proposed
Diversion Ditch for the City of Roseau.

Attendance

Mary Goss

Aida McCabe

Zeland Juras

Bernie Burggraf

Lew Erickson

Terry Hanson

Rael Drann

Bernie Anderson

Dick Melvin - Roseau Times-Telegram

Kelman Green

Omar Rood

Charlie Anderson

Faerell Erickson

Gabert Severson

Pat Mores

Kathy Goss

ROSEAU RIVER WATERSHED DISTRICT

Roseau, Minnesota 56751

ROSEAU FLOOD DIVERSION CONCEPT PAPER (September 5, 1995)

NEED:

Much of the City of Roseau lies in the 100 year floodplain. Historical floods have caused significant damage and floodplain regulations restrict and increase the cost of development. Yet the actual floodwater depths are shallow and the out-of-bank flood velocities are minimal. Therefore, removing the majority of the City from the floodplain has long seemed a reasonable goal.

HISTORY:

The Corps of Engineers proposed the most significant plan to reduce Roseau City's flood levels. The concept was to channelize the Roseau River and enlarge the State Ditch 51 channel (the Roseau River reach dredged by the State of Minnesota) to the Canadian Border. This project was authorized and had funding appropriated when it was halted for Canadian and environmental concerns. While the major project is dead, there remains a possibility that the project segment to enlarge the River for four miles north of the City could someday go forward. The Corps' latest estimate is that such a project would have an annual flood damage reduction benefit of \$500,000. Under federal benefit/cost procedures, the benefit/cost ratio is marginal.

The Roseau River Watershed District has actively searched for flood impoundment sites upstream of the City. One project (Palmville) is proposed but is held up in an environmental review. That project would reduce the Roseau City flood by 3 percent. To bring Roseau out of flood danger would require many such projects and the Watershed has not found a sufficient number of sites. Even if sites were available and if the projects could get an environmental release, this approach would require decades to solve Roseau's problem.

Therefore, the Watershed District directed a concept level study for a floodway.

ALTERNATIVES:

The District has discussed four flood diversion options:

1. The excess water could be diverted from south of the City around the west side thence north to the Old Roseau Lake Bottom area. This route would require two new state highway bridges, a new railroad bridge, quite deep excavation, and a longer length than the other options. Without a study, it is clear the option is too expensive for the benefits.
2. The District asked the Corps of Engineers to examine the potential of enlarging the existing river channel, north of the City. The Corps has completed an initial study. The project is potentially doable but there are serious benefit/cost, homeowner, and environmental concerns that may stop the project. Thus, the District is continuing to consider this option but is searching for a better alternative.
3. The third option is to divert half the 100 year floodwater at the north end of the City. This lowers the 100 year event flood elevation to a 10 year event at that location. The floodway follows the shortest path from north of the City to the Old Roseau Lake Bed area. This option is more fully presented in the next section.
4. The fourth option discussed is conceptually the same as the third except that the floodway proceeded due west, then due north then due west to the lake bed area. This route would use more good farmland, would increase excavation by 60 percent, would have many more crossings, and would make rerouting County Road #16 more difficult, therefore, option 3 is presently the District's preferred alternative.

PROJECT CONCEPT:

Option 3 consists of eleven different project features. The concept, need for, and proposed design goal of each feature follows:

1. Floodway: A floodway constructed from the north edge of the City to the Old Roseau Lake area. It runs diagonal (the shortest distance and most drop per mile route) reentering the river upstream of the County Road #123 bridge, thereby, not requiring a new bridge for that road.

The floodway provides the necessary channel capacity to lower the 100 year flood elevation at the north end of the City to the 10 year flood elevation which is essentially a non-damaging level.

It is sized to handle slightly more than 50 percent of the flood peak flow when the lake is near its 100 year flood elevation. This is necessary as the lake flood levels are a total water volume problem whereas Roseau's floods are flow rate problem. For example, the 1950 flood was a 100 year event in the lake but wasn't a 100 year event for the City whereas the 1919 flood was a major flood for the City but less of a problem in the lake. Since the flood causes are different, the conservative assumption that the lake can be at flood level when the flood peak rate hits Roseau has been used in the channel sizing.

2. River Diversion: Where the floodway leaves the river north of town, a diversion structure is required such that normal frequent high flows will be routed down the existing channel. This is needed to maintain the riverine environment along the existing river.

This concept proposes a long overflow weir parallel to the channel set at the 2 year flood elevation. Thus, only when flows exceed the 2 year flood will flow proceed down the floodway.

Alternative concepts still being considered for this feature are gates on the floodway and/or a flow limiting structure on the channel north of the floodway.

3. City Dam Modification: The Corps of Engineers compute a 0.5 foot head loss for the existing dam (with piers and walkway removed). Replacing the existing abutments with a flow efficient design will reduce the head loss.
4. In City, River Channel Improvements: There are some reaches of the river within the City that can be enlarged to reduce flood elevations. For example, the reach from Center Street to the railroad bridge which currently has 0.6 foot head loss could be widened now and the head loss reduced that the swimming pool is gone.
5. Highway 310 Bridge: A bridge (or large box culverts) will be required to carry the floodway under the State Highway.

6. **Low Flow Crossings:** Three rural slow speed crossings are proposed that will be useable most of the time but would be blocked when the floodway is in use.
7. **County Road #16 Rerouting:** Rather than installing a bridge for County Road #16, there are significant savings if the road is rerouted up the west side floodway spoil bank.
8. **Local Agricultural Drainage:** The floodway will disrupt local drainage and thus must provide an alternative outlet.
9. **Roseau City Storm Sewer Outlet:** The proposed can and should be used as a more efficient outlet for the west side of the City.
10. **Pilot Channel:** The wide floodway bottom would develop meanders and would stay too wet to hay. The best channel flow conditions are obtained if the channel is hayed so a pilot channel is required.
11. **Floodway Outlet Structure:** The floodway must be provided a non-erosive outlet back into the river during those events when the flow is in the floodway but the lake hasn't yet filled. The structure must also slow water down in the floodway to non-erosive velocities when the lake level is low. Finally, the structure must serve as an outlet for the agricultural and storm sewer normal drainage flows.

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD SEPTEMBER 5, 1995

Meeting called to order by Chairman Kelman Kvien at 7:38 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, and Farrell Erickson. Others attending were Eng. Omar Rood, Eng. Charlie Anderson, Sec. Kathy Ross, and Marvin Sherman.

Motion by Robert Severson, seconded by Farrell Erickson to approve August minutes with the following amendment to the Engineer's report. Engineer Rood informed the Board that he has accepted a job based out of the Twin Cities and for the next three months will be available on a time limited basis. His partner, Charlie Anderson will be assisting with the engineering. Carried.

DELEGATION

Marvin Sherman requested the removal of a beaver dam by the Stanley Grugal farm.

PERMIT

The revised permit application for the golf course expansion was received from the City of Roseau and Bergland Enterprises, Inc. Motion by Robert Severson to deny a permit as the agreement for maintaining the area was not included, seconded by Allison Frislie. Carried. Kelman Kvien will talk with Leland Lunos, City Clerk, regarding a new application with this requirement added. City Superintendent Dale Drown also wanted it mentioned that there were two potholes that needed filling in the area.

Engineer Rood reported the following:

NORLAND - Brian Dwight will be in Roseau, September 8, to look at the remaining slides for the evaluation of wetland credits. Was unable to talk with Lester Grafstrom and Roy Losse, will contact them later in the month.

WD #3 - Inspected Lateral 3 on the drive up to the meeting and the ditch bottom hasn't been mowed. Farrell Erickson was asked to contact Russ Larson on the matter. Showed Charlie Anderson Gustav Kveen's bridge.

RRWMB Delegate

No Report.

OLD BUSINESS:

Farrell Erickson ordered the trap for the culvert at Daryl Lins. The Roseau County Highway Department will do the installation.

A trap was ordered for the Duxby Levee, and a trap is needed on a pipe along County Road 10.

Page Two
September 5, 1995

There was a hearing on the Proposed Budget at 8:00 p.m. as noted in the Roseau Times-Region. After discussion a motion was made by Farrell Erickson to approve the Budget for 1996, seconded by Robert Severson. Carried - unanimous. The Budget is as follows

Administration Fund	\$55,000.00
Engineering Fund	24,000.00
Red River Watershed Management Board Fund	30,000.00
Palmville Project Fund	1,000.00
Duxby Levee Fund	1,000.00
Snagging & Sandbar Removal Fund	20,000.00
Norland Restoration Fund	15,000.00
Diked Storage Fund	1,000.00
Roseau Flood Channel Fund	10,000.00
	<u>\$157,000.00</u>

Tax levies are noted on the attached four (4) pages to the September 5, 1995 minutes.

~~Motion to adjourn hearing by Allison Frislie, seconded by Farrell Erickson.~~

Regular meeting reconvened at 8:08 p.m

NEW BUSINESS

Farrell Erickson requested the forms for the Duxby Levee annual fall inspection.

The CD at the Border State Bank will be renewed September 9, 1995.

The form to submit Resolutions for consideration at the 1995 Annual Meeting were received. There will be further discussion at the Board's October meeting.

Mileage paid to Board members was increased to .30 cents per mile.

Kelman Kvien was reappointed by the Roseau County Commissioners for another three year term.

Motion by Farrell Erickson to renew the RRWD membership with The International Coalition, seconded by Robert Severson. Carried.

RECEIPTS

Citizens State Bank - Public Now Account	\$374.71
Border State Bank - interest on CD #106155	<u>4,504.11</u>

TOTAL	\$4,878.82
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Page Three
September 5, 1995


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

Farrell Erickson - per diem and mileage (Duxby Levee \$65.79)	\$197.38
Leslie Hagen - SD #51 \$5,900.00 brushing and snagging 125.00	6,025.00
Stuart Nelson - brushing and snagging	1,725.00
City of Roseau - rent	200.00
Roseau Times-Region - notice in paper	28.00
Roseau County Highway Department - D #8	922.00
Ward Anderson - Animal Damage Control Fee	90.00
Vernell Beito - Animal Damage Control Fee	450.00
Russell Mitterling - Animal Damage Control Fee	90.00
Post Master - Roseau - stamps	32.00
The International Coalition - "96" Membership	250.00
Pat Moren - fees	593.75
JOR Engineering, Inc. General \$2,137.42 SD #51 415.65 Norland 275.70 Diked Storage 75.00 Flood Channel 2,536.31 Overall Plan 150.00 Equipment Rent 58.00	5,648.08
Allison Frislie - per diem and mileage	77.79
Robert Severson - per diem and mileage	62.19
Kelman Kvien - per diem and mileage	54.09
Kathy Ross - fees	169.00
Citizens State Bank - 941 payroll tax	78.50

TOTAL \$16,692.78

Motion to adjourn by Farrell Erickson, seconded by Allison Frislie.

Submitted by,


Kathy Ross, Secretary

ROSEAU RIVER WATERSHED DISTRICT
Roseau, MN 56751

Resolution passed at the September 5, 1995, 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;

Pursuant to M.S.A. Section 112.61 Subdivision 3, the Roseau River Watershed District does hereby levy an ad valorem tax of .02418 per cent 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 5th day of September, 1995

ROSEAU RIVER WATERSHED DISTRICT

By


Kelman Kvien

its Chairman

continued

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, Fertile, Minnesota 56540."

Dated this 5th day of September, 1995

ROSEAU RIVER WATERSHED DISTRICT

By 
Kelman Kvien

ts Chairman

ROSEAU RIVER WATERSHED DISTRICT
Roseau, MN 56751

Resolution passed at the September 5, 1995, meeting of the Roseau River Watershed District Board of Managers,

Upon motion by Robert Severson, seconded by Alison Frislie, 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 by the Board of Managers executed a Joint Powers Agreement, and

WHEREAS, by resolution adopted by the Red River Watershed Management Board under date of August 8, 1995, 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 .0003627 per cent 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 cooperating 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 per cent 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 1996 and shall be collectable with the taxes recovered in the year 1996.

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.

ROSEAU RIVER WATERSHED DISTRICT
Roseau, MN 56751

Resolution passed at the September 5, 1995, 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 MANAGER OF THE ROSEAU RIVER WATERSHED DISTRICT:

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

\$4,000 evy be made on Ditch System 8

A one per cent 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 5th day of September, 995

ROSEAU RIVER WATERSHED DISTRICT

By


Kelman Kvien

its Chairman

**MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD OCTOBER 3, 1995**

Meeting called to order by Kelman Kvien at 7:30 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Farrell Erickson, Allison Frislie, Steve Erickson, and Robert Severson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Perry Haglund, Rubin Haglund, Judi Haglund, and Leslie Hagen.

Motion by Steve Erickson to approve September minutes, seconded by Robert Severson. Carried.

DELEGATIONS

Rubin and Perry Haglund informed the Board that they are having trouble with flooding on their land four miles north of Roseau in Jadis Unorganized Township. They believe the reason for the flooding is a trap installed on the south side of the county road. It keeps the water from flowing north and forces it on to their property. Engineer Rood will go and look at the area and let the Haglunds know what will be done about the problem.

PERMITS

Received a permit application from Dave Hovda to construct a low flow crossing on his property at Sprague Creek. The application shows he would use three or four 72" culverts. Engineer Rood informed the Board that by using 72" culverts this would not make it a low flow crossing. The area would be better served if 48" or smaller culverts were used. A letter will be sent to Mr. Hovda requesting him to resubmit his application using 48" or smaller culverts.

The permit application for the golf course expansion has been revised to include the maintenance agreement. The signed application has yet to be returned, however the Board does have a copy. A motion was made by Farrell Erickson to approve the signed permit application from the City of Roseau and Bergland Enterprises, Inc., on its golf course expansion. The condition of the permit is the applicants agree to maintain the ditch when there is one foot of standing water present in the culvert that crosses the township road. Seconded by Robert Severson. Carried.

Engineer Rood reported the following:

LINS RING DIKE - The survey report has been completed. Two alternatives for the dike's design were sent to Darrell Lins. He has chosen alternative #1 which has a 3:1 side slope. The total estimated cost of the project is \$17,909.00. Ron Adrian will be contacted on starting the construction. Received from Joe Gibson the application for the Flood Damage Reduction Grant. Motion by Steve Erickson to submit the application for the FDRG for half the cost of the Lins Ring Dike, seconded by Robert Severson. Carried - unanimous.

Page Two
October 3, 1995

Engineer's report continued:

FLOOD CHANNEL - Pat Moren informed the Board that at the City Council's October meeting, Mayor Burggraf reported the initial reaction from some of the local farmers who would be effected by the proposed project was very negative. Despite this some of the council members would like to review the project before rejecting it outright. Kelman Kvien was asked to attend the next Council meeting to answer questions and discuss a cost share with the city. So far the RRWD has spent approximately \$10,000.00 and it is their position not to spend anymore money unless the City of Roseau intends to support the project. The next step would be a concept design with an estimated cost of \$40,000.00 - \$50,000.00.

NORLAND - The September 8th meeting with BWSR has been rescheduled for October 25, 1995. Was unable to contact Roy Losse and Lester Grafstrom regarding land purchases and easements.

Spoke with Doris Hanson regarding the maps for the Roseau River Plan. By mid November there should be a definition of what needs to be included in the mapping. Hopefully this phase of the plan can begin by January 1, 1996. Charlie Anderson will be doing the mapping.

EIS - The preliminary draft should be out sometime in October.

Due to scheduling conflicts a motion was made by Steve Erickson to change the November meeting to Monday, October 30, 1995 at 5:00 p.m., seconded by Allison Frislie. Carried - unanimous. A notice will be placed in the Roseau Times-Region for the change of date and also the change in time for the regular board meetings held from December 1995 through April 1996.

Farrell Erickson reported the following for the RRWMB:

Don Ogaard informed the RRWMB that the next meeting will be spent entirely on reviewing the Environmental Impact Statement rough draft. All comments will be added to appendices.

Les Hagen presented his bill for work done on SD #51 and the Roseau River.

OLD BUSINESS:

Farrell Erickson informed the Board that the trap for the culvert at Darrell Lins has been made.

The bottom of WD #3 still hasn't been mowed.

NEW BUSINESS:

Motion by Farrell Erickson to renew the CD at Citizens State Bank, seconded by Robert Severson. Carried - unanimous.

249.11

\$

1,400.00

Patricia Boss

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD OCTOBER 30, 1995

Meeting called to order by Chairman Kelman Kvien at 5:00 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, and Farrell Erickson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Sec. Kathy Ross, Maynard and Greg Braaten.

Motion by Allison Frislie to approve October minutes with the following corrections; under Engineer's report, LINS RING DIKE, Ron Adrian will be contacted on starting construction plans and specs. The heading CLRP is added to the paragraph following Norland and in the same paragraph, Charlie Anderson will be supervising the mapping. Under OLD BUSINESS the traps for the culvert at Darrel Lins are being made. Seconded by Farrell Erickson. Carried.

DELEGATIONS:

Maynard and Greg Braaten where present to request cleaning done on a portion of D #16 in Sections 26 & 35 of Dieter Township. The Board will contact the Roseau County Highway Department to survey the area and get back to them regarding what cleaning will be done.

PERMITS:

Motion by Allison Frislie to approve the permit from Habstritt Farms installing a culvert on the south side of the southwest corner in Section 29, Spruce Township.

Engineer Rood reported the following:

In response to the complaint by Rubin and Perry Haglund, the culvert in Jadis Unorganized Township was inspected. The County has since placed a block in the culvert and installed a trap so that the water will not go south on to their property.

LINS RING DIKE - Still waiting for the construction designs and specs from Ron Adrian. Discussed with Dan Thul the status of the Flood Damage Reduction Grant.

NORLAND - Began working on the design for the inlet ditch that will include Ditch #18 into the project, a crew will be up to do the surveying later in the week. At the October 25th meeting with BWSR, Brian Dwight, Rob Sando, and Mike Bakken reviewed the aerial slides of the area. A field search will be done to verify the mistakes on the NWI maps.

CLRP - Charlie Anderson has hired additional staff to work on the mapping for the Roseau River Plan.

FLOOD CHANNEL - Pat Moren will have Kelman Kvien added to the agenda for the City of Roseau's December meeting. He will be there to help answer questions regarding this proposed project.

Page Two
October 30

Engineer's report continued:

EIS - Reviewed the section of the Draft EIS pertaining to the Roseau River Basin. The overall response to the document will come from the Red River Watershed Management Board. However, it is suggested that the RRWD send a letter, independent of the Red River Board, on the misrepresentations made regarding the Roseau Lake project. Motion by Allison Frislie to issue a letter requesting corrections be added to the appendencies of the Roseau Lake project, seconded by Robert Severson. Carried. Also discussed the Palmville project. It was found not to have a significant wetland impact. This could make it possible to get Palmville permitted.

Farrell Erickson reported the following for the RRWMB:

EIS - As mentioned in last months minutes the majority of the meeting was spent on reviewing the Draft EIS.

Don Ogaard is trying to organize various groups to be involved with the Red River Coalition.

~~correct~~ Funds ~~where~~ were requested for the Angus-Oslo impoundment south east of Warren.

NEW BUSINESS:

The Minnesota Association of Watershed Districts, Inc., will hold there Annual Meeting December 1st and 2nd, 1995, in Alexandria, MN. Motion by Allison Frislie to appoint Kelman Kvien and Robert Severson as delegates of the RRWD, seconded by Farrell Erickson. Carried - unanimous.

The International Coalition will have its 13th Annual Red River Basin Conference, November 15 -17 in Fargo, ND.

RECEIPTS:

Citizens State Bank - Pub	c Now Account	\$225.54
Roseau County - SD #51	\$18,390.89	
WD #3	826.70	
D #16	120.82	
D #8	387.38	
Tax Levy	30,619.85	50,345.64
USDA/CCC - CRP Norland		<u>19,083.00</u>
TOTAL		\$69,654.18

200.00

\$

Daphy Boss
KAE Ross SA

MINUTES OF THE ROSEAU RIVER WATERSHED DISTRICT
BOARD OF MANAGERS MEETING HELD *DECEMBER 6, 1995

Meeting called to order by Chairman Kelman Kvien at 5:00 p.m. in the office of the Watershed at City Hall. Board members present were Kelman Kvien, Allison Frislie, Robert Severson, and Farrell Erickson. Others attending were Eng. Omar Rood, Atty. Pat Moren, Mike Higgins, Richard Magnusson, and Leslie Hagen.

Motion by Robert Severson to approve October 30th minutes, seconded by Farrell Erickson.

DELEGATIONS:

Mike Higgins presented his bill for farm work done in June and August on Section 19 of Norland. He informed the Board that the 1995 bluegrass seed production from Norland was 59,050 pounds. The district's one-fourth share will be \$14,762.50. He also asked to have the Agricultural Lease between the RRWD and Scott-Kveen Seed Company renewed for 1996. Motion by Farrell Erickson to approve the renewal of the Agricultural Lease with Scott-Kveen Seed Company, seconded by Robert Severson. The terms of the contract will remain the same as 1995.

Richard Magnusson was present to question why work was being done on the cutoff by the lake bottom. Engineer Rood explained that by cutting trees and restoring the cutoff to its original design it will make the ditch work more efficient. There was also discussion with him regarding the Roseau Lake project when flood conditions exist.

PERMITS:

The permit for the City of Roseau's golf course expansion st hasn't been signed. Kelma Kvien will contact Steve Dahl and Dale Drown for signatures

Farrell Erickson reported the following for the RRWMB

Don Ogaard will assist with coordinating the Enviro menta Impact Statement.

OLD BUSINESS:

Farrell Erickson will meet with Darrell Lins regard ing the traps to be installed by his property.

The information requested for the 1993 Disaster Declaration will be sent by Engineer Rood

NEW BUSINESS:

Rubin Haglund has requested information on the district's policies for agricultural diking and ring dikes.

Received a letter from Stan Woods, RRWMA, regarding lowering the water levels in Pools 2 & 3 by one foot. This is done each fall in agreement with the RRWD to accommodate the spring thaw.

NEW BUSINESS continued:

There was discussion on the RRWD joining the Viewers Association.

There was discussion regarding the information on the procedures required for working on legal drainage systems within the state of Minnesota. This report was presented at the MAWD Annual Meeting.

RECEIPTS:

Citizens State Bank - Public Now Account	\$362.81
Roseau County - SD #51	\$30,019.73
D #3	1,105.73
D #8	1,255.16
95 tax levy	11,786.98
	44,167.60
Lake of the Woods County - SD #51	\$11.94
95 tax levy	25.50
	36.58
Beltrami County - SD #51	\$39.89
95 tax levy	25.50
	65.39
USDA/CCC - Norland	<u>3,974.00</u>
 TOTAL	 \$48,606.38

Motion by Allison Frislie to pay the follow ing b ills, seconded by Farrell Erickson.

Leslie Hagen - SD #51	\$4,650.00	
brushing and snagging	650.00	\$5,300.00
Roseau Times-Region - notice in paper		16.00
True Value Hardware - office supplies		5.08
City of Roseau - rent		200.00
RRWMB - share of tax levy		3,642.19
Stuart J. Nelson - brushing and snagging		2,525.00
Scott-Kveen Seed Company - Norland		1,071.65
Jerry Lee - Animal Damage Control Fee		45.00
Pat Moren - fees		375.00
JOR Engineering, Inc. General	\$3,245.40	
SD #51	287.25	
Norland	2,358.61	
Flood Channel	801.55	
D #16	253.53	
Overall Plan	475.00	
Equipment Rent	116.00	7,537.34

Page Three
December 6, 1995

Bills continued:

Kathy Ross - fees and supplies	\$143.54
Farrell Erickson - per diem and mileage (Duxby \$17.45)	213.03
Allison Frislie - per diem and mileage	233.38
Robert Severson - per diem, mileage, & expenses	556.58
Kelman Kvien - per diem, mileage, & expenses	633.33
Paul Kihlstedius - Animal Damage Control Fee	30.00
Kelman Kvien - per diem & mileage for May meeting	49.36
Citizens State Bank - 941 payroll tax	159.63

TOTAL \$22,736.11

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

Submitted by,



Kathy Ross, Secretary,
for Robert Severson, Secretary/Treas

* Due to severe weather the regular December 5th meeting was rescheduled for December