

Lower Red River Watershed Management Board

CROOKSTON, MINNESOTA 56716

Donald Ogaard, Ada, President
Iner Quern, Oslo, Vice-President
Olal Soine, Crookston, Secretary
Roger Ward, St. Vincent, Treasurer

Clifford Trangsrud, Badger, Manager
Daniel Wilkens, Fertile, Manager
Harley Younggren, Hallock, Manager

Meeting

Lower Red River Watershed Management Board

July 23, 1981; Agricultural Research Center, University of Minnesota, Crookston, Mn.

The Lower Red River Watershed Management Board met on July 23, 1981 at 9:30 a.m. at the Agricultural Research Center, University of Minnesota, Crookston, Mn.

President Don Ogaard called the meeting to order.

Members present weres

Don Ogaard Roger
Ward Clifford
Trangsrud Dan
Wilkens

Paul Brekken
Bill Zeigler
Otto Anderson
Harley Younggren

Also present weret

Dan Thul, Coordinator - Lower Red River Watershed Management Board
Ron Adrian, Engineer - Middle River - Snake River Watershed
Viet Ngo, Engineer - McCombs - Knutson and Assoc.
Leon Zueg, Engineer - McCombs - Knutson and Assoc.
Dick Cullen - Soil Conservation Service
Jim Ayen, Soil Conservation Service
Lawrence Woodbury, Houston Engineering
Chuck Crist - Corp. of Engineers
Bill Becker - Dept. of Natural Resources

Charles Anderson, Engineer - Red Lake Watershed District

Minutes of the June 23, 1981 meeting were read and approved. The

Treasurers report as of July 23• 1981 was read and approved.

Leon Zueg, Engineer from McCombs - Knutson and Assoc. reported on what their firm has developed to date and then presented an Engineering and Planning Program for 1981 thru 1983.

The various phases and their estimated costs and possible funding was discussed.

Phase I - Prioritizing Criteria for Flood Control Projects and Updating of Project Evaluation Manual	33,000.00
Phase III - Data Base Development Program	97,000.00

Phase IV - Prioritizing Stream Gaging Data Network	14,000.00
Phase V - Preliminary Evaluation of Drainage Practices	<u>31,000.00</u>
	175,000.00

After discussion, a motion by Manager Ward, seconded by Manager Brekken to fund the various Phases mentioned above in the following manner: Lower Red - 87,500.00 and L.G.M.R. - 87,500.00, duly passed. It will now be sent to L.C.M.R. for their consideration.

Manager Trangsrud reported on the investigation being conducted by McCombs -Knutson and Assoc, The first phase has been completed at a cost of \$17,720.00, which has been paid by the Roseau River Watershed District. Sprague Creek has been found to be the most feasible, but more engineering is needed. The estimated cost of Phase II by McCombs - Knutson and. Assoc. is \$11,410.00 and Phase III is \$10,590.00. Upon motion by Manager Ward, seconded by Manager Brekken to adopt the work plan presented by McCombs - Knutson and Assoc., duly passed. The necessary funding of \$11,410.00 for Phase II will be picked up by L.C.M.R. and the funding for Phase III of \$10,590,00 will be paid in the following manner: L.C.M.R. -\$8,450.00 and Lower Red - \$2,140.00.

A progress report from the Red Lake Watershed District was given by Charles Anderson, their engineer.

Gentilly Group

The total bid is \$28,941.25

Proposed funding as follows:

A.S.C.S.	21,705.94
Red Lake	4,058.83
Lower Red	4,058.83
	29,823.60

Upon motion by Manager Brekken, seconded by Manager-Wilkens, to approve the above funding and move the Gentilly Group to Step II and Step III as defined in the Project Evaluation Manual, duly passed.

Abraham Dam

Upon motion by Manager Brekken, seconded by Manager Wilkens to approve the following funding, duly passed.

Red Lake	4,950.00
Lower Red	4,950.00
L.C.M.R.	2,200.00
	12,100.00

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Upon motion by Manager Brekken, seconded by Manager Ward to approve the following funding, duly passed.

Red Lake	2,692,50
Lower Red	2,692.50
L.G.M.R.	8,750.00
	14,135.00

Schirrick Dam

It is located on the Black River and has a drainage area of 108 square miles. The heights of the dam would be 38 feet. Total storage capacity would be 6500 acre feet, with 100 ac./ft. being permanent; 3700 ac./ft. being gated; 1000 ac./ft. ungated and 1700 ac./ft. being freeboard storage. The permanent pool area would cover 20 acres and the flood pool would cover 400 acres. The estimated cost is \$900,000.00.

Upon motion by Manager Brekken, seconded by Manager Ward to move Schirrick Dam to Step II, duly passed.

Mr. Anderson also stated that the Red Lake Watershed District has prioritized the projects in the following manner.

No. 1 - Moose River No. 2 - Schirrick Dam The hearing on

Pine Lake is scheduled for Aug. 15, 1981.

He also stated that more gaging stations are to be set up and standardized.

Bills presented for payment:

McCombs - Knutson and Assoc.	5164.50
Tour Bus	100.85
Goff and Assoc.	150.00
Red Apple Cafe (tour expense)	63.42

Upon motion by Manager Wilkens, seconded by Manager Brekken, to pay the above bills duly passed.

The next meeting will be at the call of the Chairman. A motion to adjourn was made, seconded and duly passed.

Respectfully submitted,

Harley Younggren* Secretary