

SAND HILL RIVER WATERSHED DISTRICT
DISTRICT OFFICE—FERTILE, MINNESOTA
NOVEMBER 6, 1990 MEETING MINUTES

1. Roland Gullekson, President, called the regular monthly meeting to order at 8:00 A.M. Board members present were Roger Hanson, Francis LaVoi and Daniel Wilkens, Secretary and Wayne Goeken, Executive Secretary.

2. The next regular monthly meeting will be Tuesday, December 4, 1990 at 8:00 A.M. at the Sand Hill River Watershed District Office in Fertile.

3. Others present were: Lawrence Woodbury of Houston Engineering, Vgrdell Olson, Paul Engelstad, Don Bakken, Ray Christian and David Searles.

4. The minutes of the October 2, 1990 meeting were approved as amended on motion of Hanson. Motion seconded by LaVoi. Motion passed unanimously.

5. As Treasurer Larson was not able to be at this meeting, Hanson moved that the Treasurer's Report be dispensed with for this meeting. Motion seconded by Wilkens. Motion passed unanimously.

6. Woodbury presented the completed study report on water quality below the dam from Wenck Associates titled, Additional Water Quality Studies. Winger Dam Project EIS Supplement. October 1990. Two major conclusions of the study were "first, the proposed dam will aerate low flows very effectively and second, the downstream water quality effects of the proposed dam would be on balance beneficial rather than detrimental." Discussion followed regarding calibration of the model to fit the actual conditions in the Watershed, it was noted that results of the computer models are only as good as data that is input. Local knowledge of actual field conditions is an essential part of making the models a useful management tool. A motion was made by Wilkens to approve the report from Wenck Associates and pay for the work as billed and further to distribute the report to the appropriate State agencies and interested parties. Hanson seconded the motion which carried unanimously. Woodbury will contact the State agencies and man out the necessary reports.

Further discussion followed on using the data collected over the past two summers on water quality and water flow for the Bathtub and Flux computer models. A motion was made by Wilkens to have Houston Engineering proceed with setting up the data to run the computer models. LaVoi seconded the motion which carried unanimously. The SHRWD will be purchasing a computer system that can run these models so that the District can become familiar with the models and use them to predict Impacts on the river based on alternate management practices. Contact will also be made with Bruce Wilson of the PCA Central Office to try to have him simultaneously work on this modeling so all parties are working together in assessing the project.

7. Gullekson showed slides that he had taken over the past month with the new Watershed District camera of various watershed conditions. Slides included the channel maintenance being done by Slager Construction in the Beltrami area, the Winger reservoir area, beaver dams at the river clean-up site near Fertile and farming practices up to the edge of the river bank. Using the slides to document and illustrate conditions throughout the watershed was favorably received and will be encouraged for all future watershed matters.

8. Gullekson reviewed computer components and pricing that Dave Searles and himself had recently priced. A major initial use of the system will be to run the water quality models that are being developed for the Winger Reservoir Project. These models can be used as a management tool throughout the watershed. The system will also be used for secretarial and bookkeeping services. Database access and networking are also features that can be utilized. Motion by Willkens and seconded by LaVoi to authorize Chairperson Gullekson to further review systems and purchase a computer system to meet Watershed needs. Motion carried unanimously. It was noted that a class in LOTUS will be offered at UMC in December. Wilkens and Goeken were authorized to attend.

9. Permits issued.

- 1990-17 Yerdell Olson. N 1/2 NW 1 1/2 S 28, Garden Twp, Polk County. Drain a pothole to a nearby slough to alleviate occasional wet field conditions.
- 1990-18 Paul Engelstad. Sec 33, Russia Twp, Polk County. Install 18 Inch culvert at crossing to allow for proper water discharge.
- 1990-19 Paul Engelstad. SE 1/4 S 18, Liberty Twp, Polk County. Cleaning of ditch to accommodate discharge of water from flowing well.
- 1990-20 Harold Balstad. Sec 21, Sletton Twp, Polk County. Clean Ditch #23 on east end west of township road for approximately 500' and to provide a wide base natural grass waterway on west end by Polk County #1 to allow for proper discharge of water.

10. Hanson noted that Slager Construction is clearing the Sand Hill River channel near Beltrami. In some areas the river had shifted one and a half channel widths over. It was decided that it would be better to work on the channel now or it would become a major costly project in the future. Slager was directed to pull river sloughs out as needed along the channel and spread the spoil along the bank rather than pile it on top of the bank.

Discussion followed with Don Bakken regarding hauling of rock in to line the river channel after Slager was done pulling the slides out. Bakken agreed to do this work. Hanson will direct him to rock piles in nearby fields.

Bakken was also authorized to do some additional leveling of the access trail that was created along the Sand Hill River near Fertile for river clean-up activities. It was also agreed to pay Jim Bak \$50 for his time in operating Bakken's dozer for the initial river clean-up efforts.

Hanson will also direct Slager Construction to replace a culvert which had been previously authorized in Section 24 of Hubbard township.

11. Ray Christian requested assistance from the Watershed District to put rock over the river bank to help stabilize the bank. The Watershed responded that this cannot be done without a permit from the DNR and Army Corp of Engineers which takes a minimum of six months. Christian noted that he will likely be moving more rocks in the future and the Watershed should keep this in mind if they need any for future projects.

12. Yernon Larson had contacted Gullekson to inform him that he would like to stay on the board but at this time he would be unable to attend board meetings and take care of the treasurer's duties for the next three months and requested that someone else take the treasurer's duties for that period. In the interim, Roger Hanson agreed to serve as Treasurer. Motion by Wilkens and seconded by LaVoi that Roger Hanson will serve as Interim treasurer. Motion by Wilkens that the current vouchers be paid. Motion seconded by LaVoi. Motion passed unanimously

Lower Red River Water shed-Polk Co.	383.26
The International Coalition—Annual Membership	250.00
Anderson Camera Shop	1,541.88
H. Slager Construction	3,850.00
Olson and Sons Excavating	50 00
Lois Plante	20.00
Jim Bak	50.00
Wenck Associates--Winger Dam water quality study-invoice 90-455	8,777.07
Wenck Associates--Winger Dam water quality study-Invoice 90-387	6,959.29
Roland Gullekson—Meeting and expense	1,545.61
Daniel Wilkens—Meeting and expense	103.68
Yernon Lsrscn--Meeting and expense	114.26
Roger Hanson--Meeting and expense	283.43
Francis LaYoi—Meeting and expense	63.80
Wayne Goeken—Secretarial and expense	350.00
TOTAL	\$24,342.28

13. Wilkens reported on the new Evaluation Manual that is being drafted by a subcommittee of the Lower Red River Watershed Management Board. The manual identifies the timeframe for project submissions and reviews, payment schedules and final cost accounting requirements.

14. All Watershed Board members and staff are encouraged to attend the annual Minnesota Watershed Convention In Alexandria on December 7 and 8. Hanson and Wilkens were appointed as delegates with Gullekson designated as an alternate.

15. As there was no further business to come before the Board, Motion by Hanson to adjourn. Motion seconded by LaVoi. Motion passed unanimously.



Daniel Wilkens, Secretary

Wayne R. Goeken
Executive Secretary