

**SAND HILL RIVER WATERSHED DISTRICT  
DISTRICT OFFICE—FERTILE, MINNESOTA  
DECEMBER 4, 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- Interim Treasurer, Francis LaVol and Daniel Wilkens-Secretary and Wayne Goeken-Executive Secretary.
2. Others present were: Lawrence Woodbury-Houston Engineering, Mervin Olson and Don Bakken
3. Due to the first Tuesday of January falling on New Year's Day, the next monthly meeting will be Tuesday, January 8,1991 at 8:00 a.m. at the Sand Hill River Watershed District Office in Fertile.
4. The minutes of the November 6,1990 meeting were approved as mailed on motion of Hanson and second by Wilkens. Motion passed unanimously.
5. Interim Treasurer Hanson reported that several CDs are coming due and unless instructed otherwise, they will be renewed. Hanson and Executive Secretary Goeken will meet in December to review the books and prepare Information for the annual report. The Treasurer's Report wtos accepted as given on motion by Wilkens. Motion seconded by LaVoi. Motion passed unanimously.
6. Update on Winger Dam—Lawrence Woodbury reported on work which he has begun In using the Flux and Bathtub computer programs for the Winger Dam project. Initial data entry and analysis has been done for the Flux program which will In turn be used as data for the Bathtub model. Woodbury met with Bruce Wilson of the MPCA In St. Paul to work on developing the models. Woodbury noted the impact of many variables on the computer model results including where the samples were taken, residence time that the water stays In the reservoir, lake mixing or stratification and varying the acceptable limits of Items such as ortho phosphorus and secci disk readings. Wilkens made a motion to authorize Woodbury to proceed with further computer modeling and generate various alternate scenarous based on changes or assumptions made regarding the variables identified above. Motion seconded by LaVol, Motion carried unanimously.
7. Dan Wilkens reported that the Project Evaluation Manual was reviewed at the last meeting of the Lower Red Board. Wilkens reviewed the contents of the report including the mission statement and procedure and tlmellne for submitting and acting on project proposals. Comments are being requested by the December 18 meeting of the Lower Red Board so the Manual can be adopted at the January meeting of the LRB. The following motion was made by Hanson and seconded by LaVol; The Sand H111 River Watershed District Board of Managers hereby endorses the new Project Evaluation Manual in it's present form and would direct our Lower Red Board Representative to endorse It's passage. The Sand Hill Watershed Board feels thesequencing, site Inspecton prior to approval, and bringing the rest of the manual up to date will be an excellent asset to the Lower Red Board in it's decision making process. The Sand Hill River Board of Managers would like to thank the Project Evaluation Committee for their hard work and fine job completed. Motion carried unanimously. A letter noting this decision will be sent to LRB Chairman Ogaard.
8. Beaver problems at Bear Park Structure: Beavers have been plugging up the Bear Park culvert which has required the Watershed to hire a backhoe operator to remove the debris. Rather than continuing to pay this expense regularly, the Sand Hill Board requested that Man/in Olson try trapping the beaver. MarvIn Olson reviewed his recent trapping efforts which resulted In two beavers being caught. On motion by Wilkens, H was agreed to pay MarvIn Olson \$25 per beaver trapped and he was asked to keep trapping the beaver on a year-round basis from the Bear Park structure to Ernie Uhler's place which Is about four miles upstream. Motion seconded by LaVol. Motion carried unanimously.
9. Gullekson showed a series of slides which he had taken over the past month which illustrated conditions along the Sand Hill River intending the beaver problem noted above at Bear Park. Slides

(9. continued) were also shown of the rock rip-rap streambank stabilization work that had been completed on the Sand Hill River just east of Beltrami. Don Bakken noted the work he conducted at this site in loading and trucking the rocks to the site and submitted his billing for this work. R. Hanson noted that some additional work will be needed with it being agreed that Sieger will drive poles along the river to further stabilize the channel.

Gullekson asked the Board's direction on usefulness of taking slides of conditions in the Watershed. It was agreed that more slides should be taken as it provides documentation of problem areas over time which can be referred back to as questions come up regarding past activities. Taking before and after slides helps show the benefits of the work that is being done. These slides and prints made from slides will be used more in the future when discussing the Watershed's actions on individual projects or on the Watershed's management duties in general.

10. Gullekson handed out a summary of tax levies for Polk County which showed the Sand Hill Watershed's portion as compared to the Red Lake Watershed and Wild Rice Watershed Districts. It was noted that some concerns had been raised recently regarding expenses of the Sand Hill Board. It was agreed that the SHRWD will make a presentation to the Polk County Board after the first of the year to review 1990's activities and respond to any questions of the County Commissioner<sup>1</sup>

Gullekson also handed out the propo<sup>^</sup> Watershed Districts (MAWD). Concerns have been raised regarding the effectiveness of this organization as it is now structured and the payments being made for a lobbyist in St. Paul. These items will be raised at the upcoming MAWD annual meeting where the final budget will be approved!

11. -Gullekson reported on a pesticide conference he recently attended in Virginia. A thorough report of information covered at the conference is on file at the Watershed office. Gullekson will be receiving additional information from an engineering firm in Virginia who has worked on a project similar to the Winger Dam.

-Roger Hanson reported on The International Coalition's annual conference which he attended in Winnipeg. It was noted that TIC's purpose of improving communication and coordinating projects throughout the Red River Basin is being achieved. There is some concern that opportunity for grass roots involvement and realism is not adequate.

- Wayne Goeken reported on the Lake Management Conference which he attended in Brainerd in October. The Minnesota Lake Management Federation sponsored the conference which included sessions on organizing citizen lake associations, water quality, fisheries, aquatic plant management, shoreland regulations and other topics. Goeken noted the information was very good with contacts established for obtaining follow-up information as needed. Goeken has copied and passed on some of this information to groups in this area such as the Union Lake/Lake Sarah Improvement Association. The information on forming a lake association will be helpful as the Winger Dam project proceeds.

12.) Goeken brought two other projects to the Board's attention as follows:

a.) Citizen Lake Monitoring Program—The Union Lake/Lake Sarah Improvement Association had requested water quality testing be done on Union and Sarah. The request was brought to the East Polk Natural Resources Volunteer Committee which is now proposing to initiate a citizen lake monitoring program which will incorporate the Freshwater Foundation's Lake Watch Program on approximately 12 lakes in East Polk County along with additional testing on Union, Sarah, Maple and Cable which may include phosphorus, nitrates and dissolved oxygen. Samples will have to be sent to a certified lab for the phosphorus and nitrates. Consideration is being given to purchasing a dissolved oxygen meter to do this test locally along with other citizen monitoring such as seed disc readings, take temperature profiles, ice up, tee out, rainfall, fall colors, wildlife sightings and other observations. The East Polk Natural Resources Volunteer Committee has some funds through the Legislative Commission on Minnesota Resources to initiate this project. Consideration is being given to applying for a challenge grant to the Minnesota Board of Water and Soil Resources to assist in this effort. The SHRWD Board noted it would assist in reviewing the study design, provide relevant data that they have collected on the watershed and possibly coordinate in securing a dissolved oxygen meter that could be used throughout the watershed on this and other projects.

( 1 2. continued)!). ) Goeken also reported on a possible meeting to be held In the area regarding sustainable agriculture practices. This would be one of approximately 20 meetings being sponsored statewide by the Minnesota Board of Water and Soil Resources. BWSR Is contracting with staff from The Minnesota Project to conduct the meetings. Goeken will continue to coordinate with The Minnesota Project staff on this meeting which Is Intended to bring specific Information about sustainable agriculture to anyone Interested In finding out more about these farming methods.

1 3. Gullekson reviewed prices and options for various computer combinations that he had been researching for the SHRWD. It was decided to go with a system from Northgate Computers which Is a Twin Cities based firm. Gullekson had put a \$500 deposit down on the system via his credit card. The system will be coming C.O.D. with a balance of \$4, H9 due. The system should be arriving by mid-December. After discussing several software options, It was decided to order Microsoft Word with Windows. A cashier's check from the First State Bank of Fertile In the amount of \$28 1 .73 will be drawn to purchase this software.

1 4. Motion by LaVoi, seconded by Wllkens to buy 2 more office chairs. Motion carried unanimously. Motion by LaVoil, seconded by Wllkens, to buy current vouchers. Motion passed unanimously.

Lower Red River Watershed- Polk	9,181.26
Lower Red River Watershed-State of MN	6,130.32
Lower Red River Watershed- Mahnom en	308.29
Fertile Journal	23.80
Mac's Cafe-Dec. 4, 1 990 Board lunch	27.00
Fertile Building Center-office insulation materials	118.14
Fertile Coast to Coast-knife for Insulation installation	1 6.99
Christian Motors-2 pages FAX	4.00
Pioneer Rexall Drug- 1 roll slide proc.	5.75
Anderson Camera-4 rolls slide proc. & 1 - 140 ct slide tray	33.75
Risks Roofing and Insulation-blow in ceiling Insulatlon-office/roof flashing	1,405.00
H. Stager Construction-Beltrami area river channel work	7,074.80
Bertils Gravel & Excavaton-Beltrami area river channel work	910.00
Bakken Trucking-Beltrami Sand Hill-rock hauling	3,000.00
Bakken Trucking-Bear Park Dam-rock hauling	500.00
Bakken Trucking-Fertile area river clean-up-caterpillar and truck use	200.00
Butch Olson- River Clean- up In Fertl le area	460.00
Butch Olson- Bear Park earthwork	362.00
First State Bank of Fertile-Cashier's check for computer software	281.73
Northgate Computers-balance due on computer /printer	4,419.00
First Card-CrtJlt Card-2 office chairs, surge protector &HP LaserJet H Printer	1,499.93
Marvln 01 son- Beer Park beaver trapping	50.00
lols Plants	22.50
Wayne Goeken— Conference travel , petty cash-office, secretarial	604.98
Roland Gullekson—Meeting and expense	1,355.55
Roger Hanson-- Meeting and expense	789.98
Francis LeVoi—Meeting and expense	63.80
Dan Wilkens — Meeting and exense	393.70
First Card-Pesticide Conference Expenses – Roland Gullekson	423.08
First Card-Deposition on computer purchase	<u>500.00</u>
<b>TOTAL</b>	<b>\$40,165.35</b>

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

Daniel Wllkens, Secretary

Wayne R. Goeken, Executive Secretary