

## SAND HILL RIVER WATERSHED DISTRICT

May 1, 2001 Meeting Minutes

1. **Attendance:** Chairman Hanson called the May 1, 2001 meeting to order at 8:00 a.m. at the District Office. Other managers present were Bill Brekke and Harold Vig. Others in attendance were Daniel Wilkens-Administrator, Naomi Jagol-Administrative Assistant, Jim Larsen-Houston Engineering, Christy Shostal-Houston Engineering, Jerome Hamre, Carl Gronberg, and Rich Sanders-Polk County Highway Department.
2. **Agenda Review:** Discussion regarding the Randy Hamre hydraulic study with the Polk County Highway Department (PCHD) in attendance.
3. **Minutes:** Motion by Manager Vig to approve the minutes of the SHRWD regular board meeting conducted on April 3, 2001 as mailed, Seconded by Manager Brekke, Carried.
4. **Treasurer's Report:** Wilkens distributed the Treasurer's report. Motion by Manager Brekke to approve the Treasurer's report as presented, Seconded by Manager Vig, Carried.

Wilkens reviewed the bills to be approved. Motion by Manager Brekke to approve and pay bills, Seconded by Manager Vig, Carried. For further reference, copies of the bills approved are attached hereto in the Treasurer's Report.

### 5. Project Reports:

- a. Randy Hamre/Hydraulic Study: Larsen conducted a presentation explaining a map which depicted culvert sizes and ditch slopes. The entire area is very flat with both culverts and ditches being undersized. The plan would divide the drainage area into two sections providing two outlets. The number of culverts would, in most cases, need to be doubled and the ditches upgraded substantially to provide adequate drainage. In 2005, the PCHD is planning on upgrading Polk County Highway No. 1. The culverts could be upgraded at that time. In the interim, the remaining culverts and dirt work should be addressed. It was agreed that this is a good plan but further discussion needs to take place to implement the plan.
- b. Geographic Information Systems (GIS): Christy Shostal- Houston Engineering, conducted a presentation on establishing a GIS data base for the District. The data base would consist of a base map of both aerial photos or topographical with overlays of readily available data bases such as soil types, slopes, wetlands, protected waters, and land use. The District information data such as permits, culvert sizes and locations could be added later. All the above would be geo-referenced with latitude and longitude coordinates.

Motion by Manager Vig to authorize Jim Larsen, engineer, to prepare a proposal to create a GIS map for the District including some of the major themes (rivers, lakes, and roads) for the next monthly meeting, Seconded by Manager Brekke, Carried.

- c. Project Team Report: The project team requested the Board of Manager to review storage requirements on Maple Creek. At the bottom of Maple Creek on Highway No. 9 for a 10-year, 24-hour storm, 4,500 acre-feet of storage is needed. For a 100-year, 10-day event 7,500 acre-feet is needed. This amount would greatly benefit Climax as well as the Red River. Larsen stated that there are three different contributing areas. Included would be Maple Creek, Ditch Nos. 90, 9, and 80 and could also possibly include Ditch Nos. 119 and 46. The runoff from a 10-year 24-hour storm is approximately 3 inches, whereas a 100-year 10-day storm is calculated at a runoff of 5.5 inches. The project team will use this information in developing flood damage reduction initiatives in this area.

**6. Upcoming Meetings and Other Business:**

- a. Jim Larsen report: Larsen approved the permits for the PCHD bridges that he reviewed. He is awaiting a return call from MnDOT whether assistance for repairing the problem would be available regarding the slough at the Highway No. 9 bridge south of Beltrami.

Larsen stated that the seeding on the Randy Hamre ring dike would be completed this spring. The width of the township road on the ring dike was discussed. Larsen noted that he has measured the top and it is as wide as the rest of the road. The shoulders will be more solid with time and seeding which should avoid the soft shoulder problem in the future. The Board of Managers were requested to review the area last fall by the town board and report back.

- b. Dan Wilkens report: Wilkens updated the board on the previous month's activities. The Northwest Regional Development commission brochure was reviewed. A watershed training course will be conducted on September 12-14, 2001 for managers.

The Nature Conservancy (TNC) Glacial Ridge is restoring 3,500 acres this summer, all within Red Lake Watershed District.

The bathrooms were discussed and it was decided that they should be temporarily repaired, with estimates obtained for upgrading.

- c. Carl Gronberg Slough: Gronberg inquired whether anything could be done about the riverbank sloughing by his house. Wilkens explained that several years ago a grant was submitted to repair the erosion on the sloughs in the Sand Hill River. This was to be a pilot project conducted in the Sand Hill River WD. The funding did not materialize, however, the project is still under consideration. Gronberg asked if the Board of Managers could come and view the area to see if they could offer him advice on what to do. The board agreed to meet him at 8:30 a.m. on Wednesday, May 2, 2001 and inspect the site.
- d. Upcoming Events: MAWD summer tour is scheduled for June 28-30 at Worthington, MN. We will make final arrangements at our next meeting.
- e. State Water Planners Conference: The State Local Water Planners Conference is scheduled for June 27-28, 2001 in Morton, MN. **Motion** by Manager Vig to authorize Dan Wilkens to attend the conference, **Seconded** by Manager Brekke, **Carried**.

7. **Permits**: One permit came before the Board for review and was approved as follows:  
-2001-07 Robert Cournia – Install culvert in Russia township, Section 29.

8. **Adjournment**: The next regular meeting of the SHRWD will be at 8:00 a.m. Tuesday, June 5, 2001. As there was no further business to come before the board, the meeting was adjourned at 11:30 a.m.  
Note: Due to the July meeting falling on the 3<sup>rd</sup> it was decided to reschedule the July meeting to the 10<sup>th</sup>.