



East Dakota Water Development District
132B Airport Drive
Brookings, SD 57006

605-688-6741

605-688-6744 Fax

MINUTES
August 19, 2010

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on August 19, 2010 at the District office in Brookings. Chairman Eggers called the meeting to order at 9:05 a.m. The following persons attended:

Directors Present

Lois Brown
Curt Eggers
Doug Feten
Vincent Flemming
Martin Jarrett
John Johnson
Kay Kassube
Robert Todd
John Weidler

Directors Absent

- none -

Others Present

Kyle Hoeke, City of Bruce
Jim Housiaux, Banner Associates
Dan Hubbard, SDSU Wildlife & Fisheries Science
Aaron Larson, SD DENR
Jerry Soholt, Sioux Falls
Nels Troelstrup, SDSU Biology & Microbiology
Lindesy Wasland, SD Association of Rural Water Systems

Staff Present

Jay Gilbertson
Deb Springman
Roger Strom

DRAFT

Administrative Items

Approval of Agenda - The Manager asked to have three assistance requests added to the agenda, one from the Town of Stockholm, and two from the Town of Twin Brooks. **Motion** by Weidler, seconded by Brown to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the July 15, 2010. **Motion** by Flemming, seconded by Todd to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the July 2010 Financial Report. **Motion** by Todd, seconded by Jarrett to accept the July 2010 Financial Report. Motion carried unanimously. Chairman Eggers then asked that the reports be placed in the District files.

Report of Meetings and Conferences - Feten attended the July 20th Central Big Sioux River Watershed project riparian easement signing in Castlewood.

Director Flemming attended the August 18th meeting of the Lake Pelican Water Project District in Watertown.

Director Jarrett attended the meeting of the July 29 meeting of the Lake County Water Quality Committee

DRAFT

in Madison.

DRAFT

Director Johnson attended the July 15th meeting of the Upper Big Sioux River Watershed Advisory Group in Watertown.

Chairman Eggers meetings of the Minnehaha County Drainage Task Force on July 21st and 28th in Sioux Falls.

The Manager briefly commented on the following meetings he had attended:

1. **July 19** - Bruce. Town Council meeting on drainage issues.
2. **July 20** - Webster. Day County Drainage Committee hearing.
3. **July 21** - Pierre. Legislative Interim Review Committee hearing on SD DENR.
4. **July 23** - Brookings. Meeting with landowners concerned about Big Sioux River flooding north of Lake Campbell.
5. **July 28** - Sioux Falls. SD Association of Rural Water Systems Managers Group.
6. **July 28** - Sioux Falls. Minnehaha County Drainage Task Force.
7. **August 4** - Brookings. US Environmental Protection Agency Region 8 Nutrients and Water Quality Workshop planning teleconference.
8. **August 5** - Madison, MN. Minnesota River basin gaging station discussion.
9. **August 10** - Brookings. SD Board of Water and Natural Resources teleconference.
10. **August 11** - Sioux Falls. Central Big Sioux River Watershed Implementation Project continuation discussions.
11. **August 11** - Sioux Falls. Minnehaha County Drainage Task Force.
12. **August 12** - Brookings. SD Lakes and Streams Association.
13. **August 12** - Rosholt. Northeast Roberts County drainage forum.
14. **August 14** - Roslyn. Greater Pickerel Lake Association Annual Meeting.

Upcoming Meetings

1. **August 24 - 10:00 a.m.** - Room 413, State Capitol Building, Pierre. Legislative Review of the Department of Environment and Natural Resources.
2. **September 1 - 6:00 p.m.** - Watertown. Watertown flood mediation work group meeting.
3. **September 2** - Huron. SD State Fair, Manager working SDARWS Booth.
4. **September 2** - Madison. SDARWS Open House
5. **September 9** - Sioux Falls. Lewis & Clark Regional Water System field tour.
6. **September 11** - Watertown. South Dakota Lakes & Streams Annual Meeting.
7. **September 16 - 10:00 a.m.** - NeSoDak Camp, Waubay. September EDWDD Board of Directors Meeting.

Payment Request

Grant-Roberts Rural Water System - The Manager noted that in December 2009, the District agreed to provide cost-share assistance to the Grant-Roberts Rural Water System (GRRWS) to help cover the costs of a facility plan for a system expansion. District assistance was for 50% of the project costs up to a cap of \$2,800. The investigation is nearing completion (projected for September 2010), and GRRWS has requested payment of the District's share. The costs to-date are \$5,823.91, so they have qualified for the full amount of support. The Manager supported the request.

DRAFT

DRAFT

Motion by Kassube, seconded by Flemming to authorize payment of \$2,800 to GRRWS as requested. The Manager noted that this payment would complete the District obligation to this effort. Motion carried unanimously.

Hearing on the 2011 EDWDD Operations Budget

Chairman Eggers opened the public hearing on the 2011 EDWDD Operations Budget at 10:00 a.m. The Manager stated that the District had published a copy of the proposed budget (summarized below) and notices of the hearing in the 11 official District newspapers as required by South Dakota Codified Law 46A-3E-10. No written or verbal comments on the proposed budget were received prior to the meeting/hearing.

PRELIMINARY FY 2011 EDWDD BUDGET

APPROPRIATIONS

01	Board of Directors	\$36,650
02	Administration	\$203,245
03	Technical Assistance	\$232,290
04	Legal and Consultant	\$27,500
05	Capitol Outlay	\$11,000
06	EDWDD Project Expenditures	\$352,500
07	Project Assistance	\$434,315
08	Contingency	\$50,000
09	Minimum Balance for Cash Flow	<u>\$50,000</u>
Total FY 2011 Appropriations		\$1,397,500

MEANS OF FINANCE

310	Tax Revenue	\$583,000
320	Intergovernmental Revenue	\$352,500
330	Miscellaneous Revenue	<u>\$462,000</u>
Total FY 2011 Means of Finance		\$1,397,500

Chairman Eggers invited public comment on the budget as advertised and presented. No public comments were made. Chairman Eggers declared the public hearing closed, and called for Board comment and/or action on the proposed budget. **Motion** by Todd, seconded by Weidler to adopt the 2011 EDWDD Operations Budget as presented. Motion carried unanimously.

SDARWS Source Water Protection Program

Lindsey Wasland, Source Water Protection Specialist with the South Dakota Association of Rural Water Systems (SDARWS), presented a summary of her organizations efforts to assist member public water suppliers (PWSs) protect drinking water sources. Ms. Wasland is currently working with several west river PWSs. The City of Custer is working toward the development of local land-use controls, implemented through zoning ordinances, to protect its shallow aquifers. She noted the model they were using was the one developed by East Dakota for counties in its area. The Town of Wasta is looking to address potential source water impairments by instituting hazardous waste collection. Finally, she is working with the Spearfish Canyon Homeowners Association to implement strict development standards and zoning ordinances to limit potentially harmful activities along Spearfish Creek.

DRAFT

Ms. Wasland also invited the Board and District staff to the SDARWS Open House on September 2nd at their new offices in Madison.

South Dakota State University Invertebrate Natural History Collection

Dr. Nels Troelstrup, South Dakota State University (SDSU), and Aaron Larson, South Dakota Department of Environment and Natural Resources (DENR), described the purpose and function of the SDSU Invertebrate Natural History Collection (Collection). Over the past 10 years, watershed assessment studies have included the collection, identification and interpretation of the types and distribution of macroinvertebrates (bugs) in South Dakota lakes and streams. At the request of DENR, Dr. Troelstrup and his students have been compiling the information collected during these investigations to serve as a point of reference for comparing other sites to those already studied, and to compare change over time in water bodies with multiple samples.

The Collection consists of alcohol preserved and slide-mounted specimens within collection cabinets, along with measurements and photographs of all individuals, site descriptions and links to any reports or other interpretive data generated as a result of the original investigations. All information in the Collection will be compiled and stored in SPECIFY, a National Science Foundation-sponsored curatorial database. The searchable database can be accessed on-line. Funding for the development and support of the Collection has been provided by DENR and the South Dakota Department of Game, Fish and Parks, along with in-kind support from SDSU.

At present, none of the bugs that were collected by EDWDD staff during the Central Big Sioux River, North-Central Big Sioux River, and School & Bullhead Lakes Watershed Assessments have been included in the collection. District staff are currently evaluating the contents of the Districts material in an effort to identify a reasonably definitive suite of specimens from the many and varied locations sampled. Dr. Troelstrup noted that the Collection has established a curatorial fee of \$15 per voucher specimen to cover labor and materials. Mr. Larson noted that all of the new and ongoing watershed assessments are building this cost into overall project expenses. The Manager indicated that he would expect to bring a proposal before the Board in either September or October to cover the costs of incorporating District voucher specimens.

Project Assistance Requests

Review of Water Quality Impacts of Agricultural Tiling - The Manager discussed the recent sharp increase in the installation of subsurface drainage tile in the region. There is considerable interest in the installation of tile drainage across much of eastern South Dakota, and particularly in the counties along the I-29 corridor. County planning and zoning offices are being inundated with requests for permits to install tile drains by landowners seeking to rid their property of unwanted/untimely water. In most cases, local drainage ordinances do not expressly deal with tile drains, and most counties are struggling to meet both landowner demand and their obligation to act in the common good. The District office has received numerous requests for information and assistance.

He noted that several years ago, Dan Hubbard of the South Dakota State University (SDSU) Department of Wildlife and Fisheries was commissioned by the United States Fish and Wildlife Service to prepare a report (published in 2005) entitled, "A Review of the Effects of Pattern Tiling on Wetlands and Receiving Waters."

It is a very good summary of the science as it was understood at the time, and as it was prepared by faculty from SDSU, it has and will continue to be a primary source of information for local stakeholders. However,

new information on the impacts of tile drainage continues to be developed, and as the local/regional debate accelerates, the Manager stated that an updated summary might prove useful. To this end, he asked Dr. Hubbard if he would be interested in updating his report.

Dr. Hubbard indicated that he would be willing to undertake such a commission. He has developed a preliminary proposal, which would result in an updated review paper to be delivered to the District on or before March 1, 2011. The cost of the effort is estimated at \$5,670.

Motion by Brown, seconded by Feten to provide District cost-share assistance in the amount of \$5,670 for the completion of an updated version of “A Review of the Effects of Pattern Tiling on Wetlands and Receiving Waters” and to authorize the Chairman to execute any necessary agreement documents with SDSU. Motion carried unanimously.

Town of Bruce - Councilman Kyle Hoeke presented the Board with a request for cost-share assistance on behalf of the Town Of Bruce. The Town is currently experiencing drainage problems. At present, storm water runoff moves through the community by way of a series of interconnected public and private ditches and culverts. This network of waterways does not always provide adequate drainage. In order to best address the issue, the community has enlisted the services of Civil Design, Inc., of Brookings to survey the town, conduct a drainage analysis, and make recommendations as to which actions would provide the greatest benefit. The projected cost of the investigation and report is \$16,000, and the Town of Bruce is requesting District assistance in the amount of \$8,000.

Motion by Flemming, seconded by Brown to provide District cost-share assistance of fifty percent (50%) of the costs of the study, up to a maximum amount of \$8,000. Motion carried unanimously.

Town of Stockholm - Jim Housiaux, Banner Associates, presented the Board with a request for cost-share assistance on behalf of the Town of Stockholm. The Town is currently conducting an evaluation of their options for the future of their wastewater system. The current facility is not functioning properly, and the stabilization pond is experiencing leaking and degradation of dikes. The Town has retained Banner Engineering of Brookings to complete the study, at a total cost of \$7,500. The State of South Dakotas Small Community Planning Grant Program will provide \$6,000, leaving a local cost of \$1,500.

Motion by Todd, seconded by Brown to provide District cost-share assistance of fifty percent (50%) of the local costs of the study, up to a maximum amount of \$750. Motion carried unanimously.

Town of Twin Brooks - Jim Housiaux, Banner Associates, presented the Board with a request for cost-share assistance on behalf of the Town of Twin Brooks. The Town is currently conducting an evaluation of their options for dealing with wastewater. Individual residents currently maintain their own septic systems and drain fields. The study will explore options for community-wide collection and treatment. The Town has retained Banner Engineering of Brookings to complete the study, at a total cost of \$7,500. The State of South Dakotas Small Community Planning Grant Program will provide \$6,000, leaving a local cost of \$1,500.

Mr. Housiaux presented the Board with a second request for cost-share assistance on behalf of the Town of Twin Brooks. The Town is currently conducting an evaluation of their drinking water system. The Town currently utilizes wells and a pressure distribution system. One of the alternatives to be considered is connection to the Grant-Roberts Rural Water System. The Town has retained Banner Engineering of Brookings to complete the study, at a total cost of \$7,500. The State of South Dakotas Small Community

DRAFT

Planning Grant Program will provide \$6,000, leaving a local cost of \$1,500.

Motion by Todd, seconded by Brown to provide District cost-share assistance of fifty percent (50%) of the local costs for each of the two Town of Twin Brooks studies, up to a maximum amount of \$750 for each, for a total of up to \$1,500. Motion carried unanimously.

Project Updates

Central Big Sioux River Watershed Implementation Project - Project Coordinator Roger Strom reported on recent activities with the Central Big Sioux River Watershed Project. He reported on two riparian easement agreements, one new (Little Family) and one amendment (Haman), that were finalized in the past month, both in Hamlin County. He noted that an easement closing was scheduled for the following week for a property in Brookings County. He reported that progress continues, albeit slowly, on a major easement agreement along Slip Up Creek in Minnehaha County. Mr. Strom continues to work on revisions to the Final Report, which is under review by DENR.

Adjournment

There being no further District business, Chairman Eggers declared the meeting adjourned at 12:10 p.m.

DRAFT

Doug Feten, Secretary

DRAFT