



**East Dakota Water Development District
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**MINUTES
August 20, 2009**

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on August 20, 2009 at the District office in Brookings. Chairman Eggers called the meeting to order at 9:05 a.m. The following persons attended:

Directors Present

Curt Eggers
Doug Feten
Vincent Flemming
Martin Jarrett
John Johnson
Robert Todd
John Weidler

Directors Absent

Lois Brown
Kay Kassube

Others Present

Jeff Cooley, Civil Design Inc.
Mike Cooper, City of Sioux Falls
Roger Eide, Town of Oldham
Shirley Flemming, Florence
Suzanne Hegg, Children's Museum of South Dakota

Staff Present

Jay Gilbertson
Jeremy Hinke
Roger Strom
Kristi Thielen
Brian Turner

Administrative Items

Approval of Agenda - The Manager asked to have a request for assistance from the Children's Museum of South Dakota to the agenda. **Motion** by Todd, seconded by Jarrett to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the July 16, 2009. **Motion** by Jarrett, seconded by Todd to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the July 2009 Financial Report. **Motion** by Johnson, seconded by Jarrett to accept the July 2009 Financial Report. Motion carried unanimously. Chairman Eggers then asked that the reports be placed in the District files.

Report of Meetings and Conferences - Director Jarrett attended the meeting of the American Water Works Association (AWWA) Board of Directors in Denver on July 20 & 21. He also participated in a well drilling demonstration by the South Dakota Chapter of AWWA in Sioux Falls on August 18.

Director Flemming attended the July 16 meeting of the Upper Big Sioux River Watershed Advisory Board and the August 19th meeting of the Lake Pelican Water Project District. Both meetings were held in Watertown.

Director Todd attended the August 2 Lake Madison Development Association Annual Meeting.

Chairman Eggers attended the July 22 Minnehaha County Conservation District work group meeting.

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

1. **July 18** - Lake Madison. Vote on the formation of Interlakes Water Project District.
2. **July 21** - Brookings. Non-Point Source task Force Information and Education Committee teleconference.
3. **July 23** - Rapid City. Pennington County Planning & Zoning Committee.
4. **July 29** - Sioux Falls. South Dakota Association of Rural Water Systems Managers Association meeting.
5. **August 6** - Brookings. Brookings County Conservation District work group meeting.
6. **August 10** - Brookings. SD Lakes and Streams Association.
7. **August 12** - Madison. Vermillion-Big Sioux Area Conservation Districts work group meeting.

Upcoming Meetings

1. **August 26 & 27** - SD DDN network. SD Board of Water & Natural Resources (BWNR).
2. **September 3** - Dakota Magic Casino, SD/ND border. Richland & Roberts Counties 2009 Geology Tour.
3. **September 3-7** - Huron. South Dakota State Fair. Manager at SDARWS booth on 9/4.
4. **September 10 - 1:00 p.m.** - EDWDD Office, Brookings. SD Lakes & Streams Association.
5. **September 15 - 9:00 a.m.** - Capitol Lake Visitor Center, Pierre. SD Non-Point Source Task Force.
6. **September 17 - 9:30 a.m.** - Buffalo Ridge Conference Center, Gary. September EDWDD Board of Directors Meeting.
7. **September 24** - Northern State University, Aberdeen. Northern Prairie Water Festival.
8. **September 24 & 25** - Matthews Training Center, Pierre. SD BWNR.

Project Assistance Requests

City of Sioux Falls - Mike Cooper, Director of Planning for the City of Sioux Falls, presented the Board with a request for cost-share assistance. The City is currently developing a Sustainable Landscaping Master Plan for its Household Hazardous Waste Facility. The facility is heavily used, and the City is planning an expansion to meet increasing demand for the services provided. Mr. Cooper indicated that the City is looking to have the facility serve as a demonstration of a number of best management practices (BMPs) related to urban water issues. BMPs under consideration include rain gardens, rain barrels, xeriscaping, pervious paving and bioswales, each providing an opportunity to observe sustainable landscape practices applicable to developments, businesses and homes. The City has retained the services of Dakota Land Surveying and Engineering to develop the Master Plan, at a total cost of \$8,730.

Motion by Flemming, seconded by Weidler to provide District cost-share assistance of fifty percent (50%) of the costs of the development of the Sustainable Landscaping Master Plan, up to a maximum amount of \$4,365. Motion carried unanimously.

Town of Oldham - Mayor Roger Eide and Jeff Cooley, Civil Design Incorporated, presented the Board with a request for cost-share assistance on behalf of the Town Of Oldham. The Town is currently conducting an evaluation of their options for the future of their wastewater system. The current facility

is quite old, and not functioning properly. The likely recommendation will be to expand their existing facility and create an artificial wetland. The system is expected to be a zero-discharge operation. The Town has retained Civil Design Incorporated of Brookings to complete the study, at a total cost of \$10,000. The State of South Dakotas Small Community Planning Grant Program will provide \$5,000, leaving a local cost of \$5,000.

Motion by Todd, seconded by Jarrett to provide District cost-share assistance of fifty percent (50%) of the local costs of the study, up to a maximum amount of \$2,500. Motion carried unanimously.

Hearing on the 2010 EDWDD Operations Budget

Chairman Eggers opened the public hearing on the 2010 EDWDD Operations Budget at 10:00 a.m. and invited public comment on the budget as advertised. No public comments were made. The Manager stated that the District had published a copy of the proposed budget (shown below) and notices of the hearing in the 11 official District newspapers.

PRELIMINARY FY 2010 EDWDD BUDGET

APPROPRIATIONS

01	Board of Directors	\$33,433
02	Administration	\$214,000
03	Technical Assistance	\$227,118
04	Legal and Consultant	\$20,000
05	Capitol Outlay	\$12,000
06	EDWDD Project Expenditures	\$365,000
07	Project Assistance	\$768,449
08	Contingency	\$25,000
09	Minimum Balance for Cash Flow	<u>\$40,000</u>
	Total FY 2010 Appropriations	\$1,705,000

MEANS OF FINANCE

310	Tax Revenue	\$1,128,000
320	Intergovernmental Revenue	\$365,000
330	Miscellaneous Revenue	<u>\$212,000</u>
	Total FY 2010 Means of Finance	\$1,705,000

No written or verbal comments have been received prior to the meeting. Chairman Eggers declared the public hearing closed, and called for Board action on the proposed budget. **Motion** by Todd, seconded by Feten to adopt the 2010 EDWDD Operations Budget as presented. Motion carried unanimously.

Project Assistance Requests (continued)

Children’s Museum of South Dakota - Suzanne Hegg, Executive Director for the Children’s Museum of South Dakota (CMSD), presented the Board with a request for cost-share assistance. Ms. Hegg noted that the CMSD, currently under construction in Brookings, is South Dakota's first museum targeted directly at children. The CMSD will be housed in the old Central Elementary Building, which is undergoing extensive renovation and expansion. Support for the project is coming primarily from the Larson Family Foundation.

The museum will feature 33,000 square feet of exhibits and demonstrations. An addition to the current building will house a restaurant and atrium. The current playground area will contain a wide variety of interactive displays and activities, including several water-related displays. This will include two sections of water-delivery pipe obtained for the CMSD by the District Manager. One is a section of the main delivery line to be used by the Lewis and Clark Regional Water System. The other pipe once carried water to a former hydroelectric power plant operated by the Homestake gold mine. Both are large enough, 54" and 48" diameters respectively, for children and adults to actually walk through.

Ms. Hegg requested Board assistance in the production of another of the water exhibits, a set of sediment-filled tubes to demonstrate the porosity and permeability in aquifers. The tubes are filled with sediments of differing characteristics. Museum visitors pour water into the tubes and watch the relative speed of movement. An exhibit consisting of four (4) tubes has been designed, with a projected cost of \$6,000. She asked the Board to consider providing the funds to have the exhibit built.

It was the consensus of the Board that the exhibit would be a very effective learning tool. However, they questioned the seemingly high cost of the display. It was suggested that a similar exhibit might be built locally at a lesser cost. If not, then the Board agreed to revisit the request later in the fall. The Board directed the Manager to explore local options for the design and construction of the exhibit and report back at the October meeting.

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 new riparian area management (RAM) agreements, one in Hamlin County and the other in Moody County. Work continues on the Jerry Ward easement, which is the first such agreement in Minnehaha County. Work continues on the final animal waste management agreements, with work scheduled for completion by the end of the year. The City of Sioux Falls bank stabilization project along the Big Sioux River is progressing. Archeological surveys have been completed, and initial designs are being prepared. Mr. Strom and the Manager indicated that they would be bringing a revised budget, with an additional \$100,000 of 319 grant dollars included, to the Board at the September meeting.

Dakota Water Watch - Jeremy Hinke, Dakota Water Watch (DWW) Project Coordinator, reported that activities on this project have been limited to support of ongoing work of cooperating entities and volunteers. The mid-season activities summary has been prepared and distributed to DWW volunteers. He noted that when Deb Springman returns in early September, they will begin work on a new continuation grant seeking DWW funding through the State Non-Point Source Information and Education Program.

Aurora Ground Water Investigation - The Manager and summer intern Brian Turner reviewed the results of the District's re-examination of nitrate in shallow aquifers around Aurora. A second round of samples was collected in early August. Like the first round, the results followed closely the results of the original testing in 1988. Observation wells and private wells in the areas west of Deer Creek and south of Medary Creek had little if any detectable nitrate. However, the area between these two streams had elevated nitrates, in excess of the MCL of 10 milligrams per liter (mg/L), in all shallow wells. Concentrations as high as 50 mg/L were found. An examination of land-use practices now versus 1988 found little change. Further evaluation of the results will become part of Mr. Turner's capstone project at Lake Area Technical Institute.

Adjournment

There being no further District business, Chairman Eggers declared the meeting adjourned at 11:45 a.m.

Doug Feten, Secretary