



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

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**MINUTES  
July 25, 2013**

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on July 19, 2012, at the District Office in Brookings. Chairman Jarrett called the meeting to order at 9:05 a.m. The following persons attended:

**Directors Present**

Mark Anderson  
Mary Ellen Connelly  
Gary Duffy  
Martin Jarrett  
John Moes  
Roger Scheibe

**Others Present**

Bonnie Dybedahl, SD Farm Bureau  
Jeremiah Corbin, SD Assoc Rural Water Systems  
Dennis Davis, SD Assoc Rural Water Systems  
Jesse Johnson, SD Corn  
Dana Loseke, SD Sierra Club  
John Maursetter, Lake County Environmental

**Directors Absent**

Lois Brown  
Kay Kassube  
Jerry Soholt

**Staff Present**

Jay Gilbertson  
Kristi Thielen

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**Administrative Items**

Approval of Agenda The Manager requested that several items be added. Under Administrative Items, consideration of a grant amendment to the 2012 East Dakota WQM Project. Under Project Assistance, consideration of augmenting three existing pools of support for District-based projects. He also requested that the District Review discussion be deferred until the September meeting.

**Motion** by Connelly, seconded by Duffy to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the June 20<sup>th</sup>, 2013, meeting.

**Motion** by Scheibe, seconded by Moes to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the June 2013 Financial Report.

**Motion** by Scheibe, seconded by Anderson to accept the June 2013 Financial Report. Motion carried unanimously. Chairman Jarrett then asked that the report be placed in the District files.

Report of Meetings and Conferences - Director Duffy reported on visits to observe observation well installation for the WHPA II Project near DeSmet on June 25<sup>th</sup>.

Directors Duffy and Scheibe reported on visits to the installation of an edge-of-field bioreactor by Dr. Kjaersgaard and Water Resources Institute staff from South Dakota State University (SDSU) near Arlington on July 23<sup>rd</sup>.

Director Moes attended meetings of the Lake Pelican Water Project District on July 17<sup>th</sup> and the Upper Big Sioux Watershed Advisory Board on July 18<sup>th</sup>. Both meetings were held in Watertown.

The Manager briefly commented on the following meetings and activities:

1. **June 24-26** - Kingsbury County area. WHPA II observation well drilling and installation.
2. **June 27** - Pierre. SDSU College of Agriculture and Biological Sciences Advisory Board.
3. **June 27 & 28** - Pierre. South Dakota Board of Water & Natural Resources.
4. **July 1 & 2** - Aberdeen. Regional Watershed Advisory Task Force.
5. **July 2** - Brookings. Brookings County Planning and Zoning Board. NOVITA corn oil plant proposal.
6. **July 9** - Sioux Falls. Minnehaha County Commission. Drainage permit request hearing.
7. **July 11** - Yankton. James River Water Development District Board of Directors.
8. **July 15** - Madison. SDARWS Quality On Tap editorial board.
9. **July 16** - Brookings. Brookings County Planning and Zoning Board. NOVITA corn oil plant proposal.
10. **July 17** - Murdo. West River Water Development District Board meeting.
11. **July 17** - Rapid City. West Dakota Water Development District Board meeting.
12. **July 18** - Rapid City. Pennington County Emergency Management Office. Water quality alert procedures.
13. **July 18** - Rapid City. US Geological Survey - Stream discharge research discussion.
14. **July 23** - Sioux Falls. Minnehaha County Commission. Storm water management discussion.

Upcoming Meetings -

1. **July 25** - 7:00 p.m. - Madison. Lake County Clean Water Committee.
2. **July 30 & 31** - Hilton Garden Inn, Sioux Falls. South Dakota Association of Rural Water Systems (SDARWS) Managers Group.
3. **August 1** - 9:00 a.m. - Marshall, MN. AREA II Minnesota River Basins Board of Directors.
4. **August 6** - 10:00 a.m. - Lac qui Parle Courthouse, Madison, MN. Lac qui Parle/Yellow Bank Clean Water Partnership.

**Motion** by Connelly, seconded by Schiebe to hold the August Board of Directors meeting in Brookings, and the October meeting in Watertown. Motion carried unanimously.

5. **August 15** - 8:15 a.m. - EDWDD Office, Brookings. EDWDD Personnel Committee.
6. **August 15** - 8:45 a.m. - EDWDD Office, Brookings. EDWDD Finance Committee.
7. **August 15** - 10:00 a.m. - EDWDD Office, Brookings. August EDWDD Board of Directors Meeting.

Payment Requests -

**University & Bridal Estates Sanitary District** - At the February 2013 meeting, the Board agreed to award up to \$1,200 in District cost-share assistance to the University & Bridal Estates Sanitary District for the completion of a facility plan of their waste water collection system. The work has been completed, and they have submitted a request for payment of the full amount (\$1,200). The Manager noted that the paperwork was in order.

**Motion** by Schiebe, seconded by Connelly to authorize payment of \$1,200 to the University & Bridal Estates Sanitary District as requested. The Manager noted that with this action the District commitment to the project would be completed. Motion carried unanimously.

**University Estates Homeowners Association** - At the February 2013 meeting, the Board agreed to award up to \$960 in District cost-share assistance to the University Estates Homeowners Association for the completion of a facility plan of their drinking water distribution system. The work has been completed, and they have submitted a request for payment of \$920. The Manager noted that the paperwork was in order.

**Motion** by Moes, seconded by Duffy to authorize payment of \$920 to the University Estates Homeowners Association as requested. The Manager noted that with this action the District commitment to the project would be completed. Motion carried unanimously.

**2012 Public Opinion Survey on Big Sioux River Water Quality** - At the June 2012 meeting, the Board agreed to provide up to award up to \$17,332 in District cost-share assistance for the completion of a survey of public attitudes regarding water quality issues in the Big Sioux River watershed. A similar survey was conducted in 2006. Paulsen Marketing Incorporated, of Sioux Falls, the firm that is handling the survey effort, has requested an initial payment of \$5,777 to cover start-up costs for the effort. The Manager noted that the paperwork was in order.

**Motion** by Connelly, seconded by Duffy to authorize payment of \$5,777 to Paulsen Marketing as requested. Motion carried unanimously.

**2012 East Dakota WQM Project Grant Agreement Amendment** - The Manager presented the Board with a grant agreement amendment from the South Dakota Department of Environment and Natural Resources (SD DENR) for the 2012 East Dakota WQM Project. He noted the project is a continuation of an effort begun under a prior grant from SD DENR to establish stage recorders at a number of surface water quality monitoring sites that SD DENR maintains in the Vermillion River, Big Sioux River and Minnesota River basins and to gather stage and discharge information at these location. The initial project covered the 2010 and 2011 field seasons. The 2012 East Dakota WQM Project continued the work through the 2012 and 2013 field seasons. The project was funded with a grant of \$70,000 from SD DENR.

He noted that at this time, funds anticipated to be used for equipment purchase were likely to go unused, and SD DENR was requesting an amendment to the agreement so that \$25,000 of the funds could be re-purposed. The Manager requested Board approval of the amendment. The Board discussed the request at length.

**Motion** by Connelly, seconded by Anderson to authorize the Chair to sign the 2012 East Dakota WQM Project grant agreement amendment as requested. Motion carried unanimously.

### **Project Assistance Request(s)**

**SD Association of Rural Water Systems** - The Manager presented a request from the South Dakota Association of Rural Water Systems (SDARWS) for funding to acquire a hand-held, mapping grade global positioning system (GPS) unit. SDARWS currently has one such unit, which is in constant use assisting primarily small communities in the mapping of their water and waste water infrastructure. They have identified a need for a second unit. In addition to use by SDARWS staff, which have significant experience

with such devices, the Manager noted that such a device would be of considerable use to District staff for the location of observation wells, test holes, and other monitoring sites during current and future District projects. As proposed, the device would be purchased by SDARWS with District funds, they would assume all responsibility for maintenance of the device, and District staff would have access to the device as needed.

Jeremiah Corbin, SDARWS, explained that they are looking at two different models. One device would have comparable resolution to their current unit (10 centimeter/4 inch horizontal position), while the other would have higher resolution (1 centimeter horizontal position). The former would meet the immediate needs of SDARWS for the locating of water and waste water lines and facilities, along with District needs to locate observation wells. However, the vertical resolution would not be adequate to gather meaningful elevation (vertical) data. The latter device would meet both the SDARWS and District needs for accurate vertical and horizontal location. The cost of the devices is roughly \$9,000 for the lower resolution model, and \$21,000 for the high-resolution model.

**Motion** by Schiebe, seconded by Connelly to award up to \$20,965 in District Project Assistance Funds to SDARWS for the acquisition of a handheld, mapping grade GPS unit as requested, conditioned on the completion of a user agreement being worked out to provide District access to the device. Motion carried unanimously.

### **District Projects Updates**

Funding for Ongoing District Projects - The Manager requested Board action to provide funding for several ongoing District activities. Each of these address District interests and, to varying degrees, receives external grant assistance from state and federal sources. He noted that as with most grants, the District is required to provide some level of matching funds, either as in-kind services (typically provided as staff time), or a direct financial contribution to project expenses. He noted that in the past, matching funds (project assistance grants) were requested on an as-needed basis for these types of activities. The Manager requested District cost-share assistance for three ongoing projects/activities:

Dakota Water Watch - \$5,000 to cover travel expenses, equipment, and supplies & materials;  
 2012 East Dakota WQM Project - \$2,000 to cover travel expenses; and  
 Central Big Sioux River Watershed Project II - \$6,000 to cover travel and water quality analyses.

He noted that all three projects had well-defined work plans and budgets, and the funds would be used to cover specified expenses.

**Motion** by Schiebe, seconded by Duffy to allocate a total of \$13,000 in District Project Assistance Funds for EDWDD Program Activities as requested - \$5,000 for Dakota Water Watch; \$2,000 for 2012 East Dakota WQM Project; and \$6,000 for 2013 water quality sampling for the Central Big Sioux River Watershed II Project. The Manager noted that any obligated funds would be reverted at the end of the projects. Motion carried unanimously.

Updating /Implementation of Comprehensive Local Groundwater Protection for Shallow Aquifers in Eastern South Dakota (WHPA II) - The Manager reviewed recent field work in support of the *Updating /Implementation of Comprehensive Local Groundwater Protection for Shallow Aquifers in Eastern South Dakota (WHPA II) Project*. A SD Geological Survey drilling rig arrived on June 3<sup>rd</sup>, with work beginning in the Brookings area. During four weeks of drilling, observation wells were installed at well fields for the

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communities of Brookings, Volga, Estelline, Chester, Madison and DeSmet, along with those of the Brookings-Deuel, Kingbrook and Big Sioux Rural Water Systems.

Regional Watershed Advisory Task Force - The Manager reviewed the July 1 & 2 meeting of the Regional Watershed Advisory Task Force held in Aberdeen. He reviewed a presentation that he gave on previous legislation aimed at water resource management at the watershed scale, primarily legislation first considered in 1998 (House Bill 1001) developed as a result of a 1997 Legislative Summer Study of drainage matters. He also reviewed presentations made by other organizations. He noted that the next meeting of the Task Force would likely be held in Watertown in mid- to late-September.

### **Adjournment**

There being no additional District business, Chairman Jarrett declared the meeting adjourned at 12:05 p.m.

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Roger Schiebe, Secretary

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