



East Dakota Water Development District
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MINUTES
November 19, 2020

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on November 19, 2020, by way of video-conferencing (Zoom). Chairman Anderson called the meeting to order at 9:03 a.m. The following persons attended:

Directors Present

Mark Anderson
Jeff Barth
Mary Ellen Connelly
Gary Duffy
Spencer Hawley
Martin Jarrett
Dana Loseke
John Moes

Directors Absent

Kay Kassube

Staff Present

Barry Berg
Kevin Christenson
Jay Gilbertson
Alexa Kruse
Deb Springman

Others Present

Jameson Berreth, City of Volga
Chad Comes, City of Madison
Tim Cowman, SD DENR - Geological Survey
Steve Dick, Hartford
Grant Gross, City of Colman
Mike Hauglid, City of Colman
Galen Hoogestraat, USGS Dakota Water Science Center
Gregg Jorgenson, Banner Associates
Chris Laveau, USGS Dakota Water Science Center
Ted Lewis, City of Sioux Falls
Ryan Thomas, USGS Dakota Water Science Center
Rebekah Tuchscherer, Gannett Publishing

Administrative Items

Approval of Agenda

Motion by Moes, seconded by Duffy to approve the agenda as presented. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the October 15th, 2020, meeting. It was noted that the under Adjournment, it listed Director Jarrett as Chair, rather than Director Anderson.

Motion by Loseke, seconded by Barth to approve the Minutes as so amended. Motion carried unanimously.

Financial Reports - The Board reviewed the October 2020 Financial Reports.

Motion by Barth, seconded by Connelly to accept the October 2020 Financial Reports. Motion carried unanimously. Chairman Anderson then asked that the reports be placed in the District files.

Meetings and Conferences - Director Hawley reported on the October 26th meeting of the Brookings County Ad Hoc Drainage Committee in Brookings.

Director Jarrett reported on the November 4th meeting of the Lake Madison Development Association in Madison.

Director Loseke attended a meetings of the Northern Prairies Land Trust (October 29th), Friends of the Big Sioux River Board of Directors (November 2nd) and a presentation on urban stormwater management by Dr. John McMaine (November 18th).

Director Moes attended the November 18th meeting of the Lake Pelican Water Project District in Watertown.

The Manager briefly commented on the following meetings he attended in the past month:

1. October 19th - Flandreau Dam 10% Alternatives presentation (video-conference); Sioux Rural Water System Board of Directors, Watertown.
2. October 20th - SDARWS Quality On Tap Editorial Board (video-conference); Deuel County Commissioners meeting (video-conference).
3. October 26th - Brookings County Ad Hoc Drainage Committee, Brookings; Big Sioux Water Festival Steering Committee (video-conference); State-wide Remote Water Festival Planning Committee (video-conference).
4. October 28th & 29th - South Dakota Association of Rural Water Systems (SDARWS) Manager's Group Meeting (video-conference).
5. November 3rd - Lake Poinsett outlet clean out observation.
6. November 4th - Brookings Conservation District Board of Supervisors, Brookings.
7. November 5th - SD Board of Water & Natural Resources (video-conference).
8. November 9th - Hamlin County Zoning Office consultation (video-conference); Minnehaha Conservation District Board of Supervisors (Video-conference).
9. November 12th - West River Missouri River Water Stakeholder Meeting (video-conference).
10. November 13th - USEPA Farm, Ranch, and Rural Communities Advisory Committee (video-conference).
11. November 17th - Grant County Commission discussion of drainage permit repeal (telephone conference).

Upcoming Meetings -

1. **December 1st - 4th** - via video-conference. Minnesota Association of Watershed Districts Annual Conference.
2. **December 2nd** - via video-conference. South Dakota Water Management Board.
3. **December 7th** - via video-conference. Big Sioux River Water Summit.
4. **December 8th - 2:00 p.m.** - via video-conference. South Dakota Non-Point Source Task Force.

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5. **December 8th** - 6:00 p.m. (MST) - Rapid City. West Dakota Water Development District Board of Directors.
6. **December 10th** - 9:00 a.m. - via video-conference. James River Water Development District Board of Directors.
7. **December 14th** - 3:00 p.m. - via video-conference. Minnehaha Conservation District Board of Supervisors.
8. **December 17th - 9:00 a.m.** - via Zoom. December EDWDD Board of Directors meeting.

Payment Requests - The Manager presented three payment requests from District sponsored activities that required Board action. He noted that the requests were in order and consistent with provisions set by the Board at the time of award. He requested Board authorization to make the following payments:

<u>Grant Recipient/Activity</u>	<u>Requested Amount</u>
SDSU - Bacteria removal from storm water runoff (Hua)	\$ 4,486.99
USGS Dakota WSC - FFY 2020 Bruce (BSR) stream gage	\$ 8,870.00
Day Conservation District - NESD Aquatic Invertebrate Survey	<u>\$ 2,500.00</u>
	<u>\$ 15,856.99</u>

Motion by Barth, seconded by Duffy to authorize the payments totaling \$ 15,856.99 as requested. Motion carried unanimously.

SD Retirement System - Special Pay Plan - The Manager requested Board authorization to sign a resolution agreeing to participate in the South Dakota Retirement System Special Pay Plan (SDRS-SPP). He noted that SDRS-SPP is an additional retirement plan funded by an eligible employee’s special pay (termination pay), which is compensation other than regular salary or wages accumulated by an employee and converted to a lump-sum amount at termination of employment. SDRS-SPP is designed to provide a tax-deferred vehicle to eligible employees by delaying income taxation on contributions and earnings until withdrawals are made from the Plan. An eligible employer’s contributions of special pay to the SDRS-SPP are excluded from an eligible employee’s gross wages at the time of retirement.

SDRS-SPP rules require passage of a Resolution stating an entities intent to participate. Under program rules, the SDRS-SPP management fee for the first year (only) is paid by the employer, and therefore the resolution is an acknowledgment of the obligation.

Motion by Hawley, seconded by Jarrett to authorize the Manager to a resolution of intent to have the District participate in SDRS-SPP as requested. Motion carried unanimously.

United States Geological Survey Stream Gage Network

Chris Laveau, Chief of the Hydrologic Data Program for the United States Geological Survey (USGS) Dakota Water Science Center, presented an overview of the USGS Cooperative Stream Gaging Program, along with a brief review of how stream stage and discharge information is collected and used. He noted that during federal fiscal year 2021 there were 32 monitoring sites in the Big Sioux River basin - 20 discharge sites, 11 stage only sites and 1 crest stage site. The District provides the cost-share match for the discharge gage on the river near Bruce. He also discussed a developing USGS program that deploys

stage/discharge recording equipment in support of flood warning activities. The stations can be quickly deployed, and are intended to be short-term installations rather than part of a long-term effort.

Mr. Laveau addressed questions and comments from the Board. He noted that a good entry into the web-based resources of the USGS would be: <https://dashboard.waterdata.usgs.gov>.

Project Assistance Request(s)

City of Volga - City Administrator Jameson Berreth, along with Gregg Jorgenson, Banner Associates, presented a request from the City of Volga for District project assistance funding in support of an investigation into new drinking water source options. They noted that while their current source was adequate for current needs, demand from pending economic development opportunities would exceed their capacity. Projected study costs are \$14,000, and their request is for up to fifty percent (50%) of the amount, which would come to \$7,000. Mr. Berreth and Mr. Jorgenson addressed questions from the Board.

Motion by Jarrett, seconded by Loseke to award the City of Volga a project assistance grant to cover fifty percent (50%) of the costs of the proposed investigation, up to a maximum amount of \$7,000. Motion carried unanimously.

City of Colman - City Finance Officer Mike Hauglid, along with Utilities Manager Grant Gross, presented a request from the City of Colman for District project assistance funding in support of an investigation into inflow and infiltration issues the community has with their existing waste water collection system. Their issues have reached the stage where SD DENR has formally directed them to address the problems, starting with the proposed assessment. Projected study costs are \$32,000, and their request is for up to fifty percent (50%) of the amount, which would come to \$16,000. Mr. Hauglid and Mr. Gross addressed question from the Board.

Motion by Barth, seconded by Jarrett to award the City of Colman a project assistance grant to cover fifty percent (50%) of the costs of the proposed investigation, up to a maximum amount of \$16,000. Motion carried unanimously.

City of Madison - City Engineer Chad Comes presented a request from the City of Madison for District project assistance funding in support of an investigation into the communities ability to provide service to a potential new service area with it's existing or expanded infrastructure. The areas to be examined include portions of the northwestern section of town, along with undeveloped territory west of Highway 81. Projected study costs are \$\$21,200, and their request is for up to thirty percent (30%) of the amount, not to exceed a total of \$7,000. Mr. Comes addressed questions on the effort from the Board.

Motion by Barth, seconded by Duffy to award the City of Madison a project assistance grant to cover thirty percent (30%) of the costs of the proposed investigation, up to a maximum amount of \$7,000. Motion carried unanimously.

Mr. Comes then updated the Board on the flood management study that is being conducted by the US Army Corps of Engineers for the community.

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District Updates

Big Sioux River/Big Sioux Aquifer Study - The Manager, along with Tim Cowman, SD DENR Geological Survey Program (SDGS), provided an overview of activities to date in the investigation of the interaction between the Big Sioux River and the Big Sioux Aquifer. They noted that the investigation is working at the Big Sioux Community Water System well field near Egan and the Clark Rural Water System well field north of Watertown. Installation of new observation wells, along with rehabilitation of existing wells, was completed on November 9th. The locations of new and existing wells have been mapped with the assistance of staff from the SD DENR Watershed Protection Program and SDARWS. Weather permitting, water level measurements may be collected later this year. Primary investigation activities are scheduled to begin next spring.

The Manager proposed that the District acquire a number of data loggers to collect water temperature measurements in selected observation wells. Ground water temperature has been used in a number of similar studies to assess the interaction of surface water and ground water, but the methodology is fairly new in South Dakota. He proposed the purchase of ten (10) temperature data loggers, along with the necessary software and data transfer hardware, using approximately \$2,000 from funds (\$15,000) previously set aside for this effort. Mr. Cowman and the Manager addressed questions from the Board.

Motion by Barth, seconded by Moes to authorize the Manager to expend up to \$7,500 of the funds previously committed to Big Sioux River/Aquifer Interaction Study to applied to the acquisition of such supplies, materials and equipment as was deemed necessary to support the investigation, in consultation with Mr. Cowman (SDGS). Director Barth stated that such a motion would provide greater flexibility and more timely execution of actions needed in support of the investigation.

Substitute Motion by Loseke, seconded by Jarrett to authorize the Manager to expend up to \$15,000 of the funds previously committed to Big Sioux River/Aquifer Interaction Study to applied to the acquisition of such supplies, materials and equipment as was deemed necessary to support the investigation, in consultation with Mr. Cowman (SDGS). Director Loseke cited the same reasoning as expressed by Director Barth. Motion carried unanimously.

Adjournment

There being no further District business, Chairman Anderson declared the meeting adjourned at 11:25 a.m.

Spencer Hawley, Secretary