



East Dakota Water Development District
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MINUTES
July 20, 2017

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on July 20, 2017, at the District Office in Brookings. Chairman Jarrett called the meeting to order at 9:03 a.m. The following persons attended:

Directors Present

Mark Anderson
Lois Brown
Mary Ellen Connelly
Gary Duffy
Martin Jarrett
Kay Kassube
Dana Loseke
John Moes
Janelle Weatherly

Others Present

Dave Bartel, James River Water Development District
Jeff Barth, Minnehaha County Commission

Staff Present

Kevin Christenson
Jay Gilbertson
Jeremy Hinke
Deb Springman

Directors Absent

- none -

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Administrative Items

Approval of Agenda

Motion by Weatherly, seconded by Brown to approve the agenda as presented. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the June 15th, 2017 meeting.

Motion by Loseke, seconded by Moes to approve the Minutes of the June 15th, 2017, meeting as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the June 2017 Financial Reports.

Motion by Moes, seconded by Loseke to accept the June 2017 Financial Reports. Motion carried unanimously. Chairman Jarrett asked that the report be placed in the District files.

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Report of Meetings and Conferences - Directors Brown and Loseke reported on the Big Sioux River Watershed Project Steering Committee meeting in Sioux Falls on June 23rd.

Director Connelly reported on the Friends of the Big Sioux River meeting on July 7th in Sioux Falls.

Director Loseke reported on the efforts of the Nutrient Research Education Council, which met on June 26th in Brookings.

Director Moes reported on the July 19th meeting of the Lake Pelican Water Project District held in Watertown.

Director Weatherly attended the June 20th meeting of the Moody County Commissioners in Flandreau.

Chairman Jarrett reported on the July 19th meeting of the Quality On Tap magazine in Sioux Falls, noting that a series of articles on soil health and water quality were in preparation for future editions.

The Manager briefly commented on the following meetings and activities:

1. **June 20** - Flandreau. Moody County Commission.
2. **June 21** - Brookings. Eastern South Dakota Water Conference Steering Committee.
3. **June 22** - Pierre. South Dakota Board of Water and Natural Resources.
4. **June 23** - Sioux Falls. Big Sioux River Watershed Project Steering Committee.
5. **June 27** - Webster. South Dakota Association of Conservation Districts Coteau Area meeting.
6. **July 11** - Beresford. Southeast Research Farm Field Tour (nitrate testing clinic).
7. **July 12** - Eden. South Dakota Association of County Commissioners Lake Region District meeting.
8. **July 19** - Sioux Falls. South Dakota Association of Rural Water Systems (SDARWS) Quality On Tap Editorial Board.
9. **July 19** - Sioux Falls. SDARWS Manager's Group meeting.

Upcoming Meetings -

1. **July 19 & 20** - SDSU Southeast Research Farm, Beresford. Integrated Pest Management Field Day for Agronomy Professionals (nitrate testing clinic).
2. **July 25** - Rural Huron. Beadle Conservation District Conservation Tour (nitrate testing clinic).
3. **July 26** - Volga. SDSU Volga research Farm Field Day (nitrate testing clinic).
4. **July 27 - 9:00 a.m.** - Kelly Inn, Yankton. James River Water Development District Board of Directors.
5. **July 31 - 6:30 p.m.** - Downtown Library, Sioux Falls. Friends of the Big Sioux River.
6. **August 7 - 2:30 p.m.** - Lewis & Clark Regional Water System Office, Tea. EDWDD Personnel Committee meeting.
7. **August 7 - 3:30 p.m.** - Lewis & Clark Regional Water System Office, Tea. EDWDD Finance Committee Meeting.
8. **August 7 - 6:00 p.m.** - Monks House of Ale Repute, Sioux Falls. FBSR "Friend of the Big Sioux River" Award.

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9. **August 10 - 9:00 a.m.** - EDWDD Office, Brookings. EDWDD August Board of Directors Meeting.

Payment Requests - The Manager presented five payments requests on behalf of District-sponsored activities that required Board action. He noted that each request was in order and consistent with provisions set by the Board at the time of award. He requested authority to make payments on behalf of the following:

<u>Grant Recipient/Activity</u>	<u>Requested Amount</u>
City of Crooks/Water & Wastewater Facility Plans	\$ 2,200.00
SDSM&T/Seasonal pathogenicity profile of BSR & SC - Part 2 (Kunza)	\$ 185.30
SDSU/Storm Water Runoff Treatment (Hua)	\$ 1,235.74
SDSU/Conservation Drainage to Remove NO ³ from drain water (McDaniel)	\$ 435.51
SDSU/Bioreactor impacts on <i>E. coli</i> and antibiotics resistance (McDaniel)	<u>\$ 3,409.34</u>
Total	\$ 7,465.89

Motion by Duffy, seconded by Weatherly to authorize payments totaling \$7,465.89 as requested. Motion carried unanimously.

United States Geological Survey Gaging Station Agreement

The Manager reviewed a proposed joint funding agreement (JFA) between the District and the United States Geological Survey (USGS) Minnesota Water Science Center for support of stream gaging stations for Federal Fiscal Years (FFY) 2017 and 2018 (October 2016 - September 2018). During FFY 2016, the District provided cost-share assistance through the MN Water Science Center for two gages, one on the Whetstone River near Big Stone City and the other on the Yellow Bank River near Odessa, MN, at a cost of \$2,913. The proposed FFY 2017/2018 JFA would be for a continuation of support for these gages at a total, two-year cost of \$6,024. Support for these gages is also provided by the Upper Minnesota River Watershed District, the Lac qui Parle/Yellow Bank Watershed District, and the US Army Corps of Engineers.

The Manager requested Board approval of the JFA to support stream gaging activities in FFY 2017 and 2018.

Motion by Loseke, seconded by Connelly to approve the FFY 2017/2018 JFA with the USGS Minnesota Water Science Center for \$6,024, and to authorize the Chairman to execute the agreement. Motion carried unanimously.

District Data Privacy and Use Policy Proposal

The Manager presented a DRAFT policy (copy attached) on how the District would handle water quality data collected from private individuals. The policy would address concerns that have been raised from time-to-time about how test data from samples submitted by members of the public at nitrate testing clinics or similar events will be managed. In recognition of the general hesitancy of people to provide identifying information in the lead up to sample analyses, it has been standard practice to ask only about

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the source of the sample (well, stream, tile, etc.) prior to sampling. He noted that once samples have been tested, people are quite likely to provide a wealth of information about the source, particularly if the results suggest a problem.

The Manager stated that having a policy in place, even if it is rarely used, might well calm the concerns of current and future partners/cooperators. He asked the Board to review the DRAFT policy, and that he intended to bring the policy up for formal consideration at an upcoming meeting.

District Projects Updates

The Manager reported on various ongoing District efforts:

2017 Water Quality Monitoring - Bi-weekly samples are being collected from 42 sites within the Big Sioux River and Minnesota River watersheds. Site descriptions for all sites are also being upgraded.

Eastern South Dakota Lakes Assessment - Water samples are being collected at four lakes, Thompson, Bullhead, Carthage and Twin (Sanborn County), along with any flowing tributaries.

Statewide Groundwater Quality Monitoring Network - Samples are being collected from 46 of the 50 Network wells in the Big Sioux, Skunk Creek, Antelope Valley and Vermillion-East Fork aquifers for nitrate analyses. Staff have also conducted sites inspections and minor repairs and maintenance.

Big Sioux River Flood Model Study - Hardware has been obtained to upgrade eight (8) existing stage recorders to allow real-time data collection, however software issues are impeding progress.

Skunk Creek NWQI Assessment - Twice-weekly (Monday and Thursday) sampling of four (4) sites on Skunk Creek continues. Discharge measurements are being collected bi-weekly. Fish and habitat assessments will take place in August.

Nitrate Testing Clinics - Four (4) events are scheduled in July as part of the cooperative effort with SD Corn, SDSU Extension, James River WDD and Vermillion Basin WDD to promote nutrient data collection.

US Fish & Wildlife Service WQ Testing - Staff are conducting monthly nitrate analyses on samples collected from USFWS wetlands and adjacent areas. Staff have also assisted with data collection along a segment of Flandreau Creek in Moody County.

Adjournment

There being no additional District business, Chairman Jarrett declared the meeting adjourned at 11:55 a.m.

John Moes, Secretary

DRAFT - East Dakota Water Development District Data Privacy and Use Policy

The East Dakota Water Development District (District) is a political subdivision of the State of South Dakota, charged with a range of powers under South Dakota Codified Law 46A-3A-1.1. These include the promoting the conservation, development, and proper management of District water resources. Through the collection, analyses and interpretation of individual and aggregated data, the District seeks to assess the condition of the local and regional water resources consistent with the provisions of its mandate.

The District places special emphasis on privacy and security when collecting and using data and information collected from private individuals. This document describes the policy under which the District manages and utilizes data and information collected from private individuals gathered during research and public outreach programs and activities. Specific terms and conditions for individual projects may be detailed in project specific agreements and contracts.

The District will retain all data and information collected from private individuals only for additional analyses aimed at protecting and preserving natural resources, developing sound water resource management practices to protect or restore environmental quality, and to advance scientific knowledge. Such data and information may include, but shall not be limited to, the results of water sample analyses, sample source descriptions, and spatial data, collected from private individuals.

By participating in District public outreach and research programs, participants acknowledge awareness and consent to share any data and information freely provided. It is further understood that the District may request and utilize additional data and information, subject to the willing consent of the participant.

The District will manage all data and information. The District will not reveal participant's names and locations without expressed consent.

The District may use anonymized individual and aggregated data to describe the general condition of resources being investigated in public presentations or scientific publications, to develop educational materials, to meet the requirements of grant reports and public reporting, and for other similar and compatible efforts.

The District may release, for a specified purpose and period, anonymized data and information to university researchers, data analysis consultants, or other comparable entities, upon the receipt of a signed non-disclosure agreement from them. The non-disclosure agreement will ensure privacy and security of the participant data and that the data are deleted by the outside researchers or consultants after the analyses are completed.

This policy, along with individual participant and non-disclosure agreements, will be reviewed and updated as needed.