



**East Dakota Water Development District
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**MINUTES
April 21, 2022**

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on April 21st, 2022, at the offices of the Big Sioux Community Water System, 23343 479th Avenue, Egan. Vice-Chairman Duffy called the meeting to order at 9:35 a.m. The following persons attended:

Directors Present

Mark Anderson
Ryan Donovan
Gary Duffy
Spencer Hawley
Bob Kappel
John Moes
Joedy Poppe

Directors Absent

Jeff Barth

Others Present

Ryan Allen, Minnehaha Community Water Corporation
Scott Buss, Minnehaha Community Water Corporation
Guanghai Hua, South Dakota State University
Jodi Johanson, Big Sioux Community Water System
Troy Larson, Lewis & Clark Regional Water System
Tami Moore, Miner Conservation District
Tim Spade, Flandreau Santee Sioux Tribe

Staff Present

Barry Berg
Michaela Carlson
Jay Gilbertson
Alexa Kruse

Administrative Items

Approval of Agenda -

Motion by Hawley, seconded by Kappel to approve the Agenda as presented. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the March 17th, 2022, meeting.

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

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Financial Reports - The Board reviewed the March 2022 Financial Reports.

Motion by Moes, seconded by Donovan to accept the March 2022 Financial Reports. Motion carried unanimously. Vice-Chairman Duffy then asked that the reports be placed in the District files.

Report of Meetings and Conferences - Director Donovan reported on the Friends of the Big Sioux River meeting in Sioux Falls on April 11th.

Director Moes attended the April 20th meeting of the Lake Pelican Water Project District in Watertown.

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

1. March 22nd - Big Sioux River Project Steering Committee, Dell Rapids.
2. March 23rd - Senate Bill 62 Signing Ceremony, Pierre.
3. March 23rd - South Dakota Chapter of the American Institute of Professional Geologists Annual Meeting (via video-conference).
4. March 23rd - 2022 DANR Environmental & Water Quality Conference (via video-conference).
5. March 24th - 2022 DANR Environmental & Water Quality Conference (via video-conference).
6. March 24th - SD Board of Water & Natural Resources (via video-conference).
7. April 7th - South Dakota Association of Rural Water Systems (SDARWS) Board of Directors Meeting, Pierre.
8. April 11th - Minnehaha Conservation District Board of Supervisors (via video-conference).
9. April 12th & 13th - SD Board of Water & Natural Resources (via video-conference), Initial ARPA funding decisions.
10. April 14th - SDARWS Quality On Tap editorial board (via video-conference).
11. April 19th - Grant County Commission, Milbank.

Upcoming Meetings -

1. **April 26th & 27th** - Rapid City. South Dakota Association of Rural Water Systems (SDARWS) Manager's Group.
2. **April 27th** - Rapid City. 2022 Western South Dakota Hydrology Conference.
3. **April 28th** - via video-conference. Minnesota Ground Water Association Spring Conference.
4. **April 29th** - via video-conference. US Army Corps of Engineers Funding Information Session.
5. **May 9th** - 3:00 p.m. - Renner. Minnehaha Conservation District Board of Supervisors.
6. **May 17th** - Pierre. SD Board of Water & Natural Resources, 2nd ARPA funding round.
7. **May 19th** - 9:00 a.m. - EDWDD Office, Brookings. May EDWDD Board of Directors meeting.
8. **May 19th** - 7:00 p.m. - Watertown. Upper Big Sioux River Watershed Project Advisory Board.
9. **June 1st & 2nd** - Deadwood. SDARWS Board of Directors.
10. **July 12 - 14th** - Duluth, MN. North Central Region Water Network - Climate Intersections Conference.

Travel Authorization Request- The Manager requested Board authorization to attend the North Central Region Water Network - Climate Intersections Conference, to be held in Duluth, Minnesota, on July 12th - 14th.

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Motion by Donovan, seconded by Hawley to authorize the Manager's attendance at the conference as requested. Motion carried unanimously.

Director Area 4 Vacancy Update - The Manager reported that formal public announcements were placed in the appropriate newspapers in early and mid-April. As of the meeting date, one petition had been submitted by Troy Larson of Hartford. The petitions were in order and contained the requisite number of valid signatures. All petitions are due at the District Office by close of business on May 16th, and the Board is scheduled to make a vacancy appointment at its May 19th meeting.

Local Water Resource Entities Updates

Flandreau Santee Sioux Tribe - Tim Spade, Water Quality Specialist with the Flandreau Santee Sioux Tribe Department of Natural Resources, briefed the Board on tribal activities aimed at managing and protecting area/tribal water resources.

Shared Resources (BSCWS/MCWC Joint Effort) - Jodi Johanson, Manager of the Big Sioux Community Water System (BSCWS), and Scott Buss, Manager of the Minnehaha Community Water Corporation (MCWC), reviewed their systems plans to establish a well field and an 8 million gallon per day water treatment plant near the Town of Trent in southern Moody County, along with distribution pipelines and two storage tanks. The joint effort, formally incorporated as Shared Resources, would treat and deliver water to BSCWS and MCWC, which will in turn distribute the water to their existing and future customers.

Chairman Anderson joined the meeting at 10:00 a.m., presiding for the duration.

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Project Assistance Request(s)

South Dakota State University - Dr. Guanghui Hua, SDSU Department of Civil & Environmental Engineering, presented a request for District cost-share assistance in support of his continuing research into the, "Removal of E. Coli from Stormwater Runoff Using Filtration with Recycled Steel Byproduct Media." The overall objective of this research is to evaluate the bacteria removal performance of selected materials to be applied as an end-of-pipe treatment for municipal storm water systems. His work has in part built off of the use of wood chips and other agricultural residues within denitrifying bioreactors as edge-of-field treatments for agricultural drainage. The result have been very encouraging, with substantial removal of bacterial loads during bench tests (laboratory-based) and in a small-scale, pilot project near a Brookings elementary school. He noted that District funds had been (gratefully) provided during all phases of this investigation.

He noted that the next step is for a full-scale demonstration and evaluation of this technology, and is the basis for his current request. The pilot project will be located within the City of Sioux Falls, and is in part an element of the current segment of the Big Sioux River Project. The projected cost of a full-scale demonstration of this process is \$270,000. \$120,000 is being provided by the United States Department of Transportation - Mountain Plains Consortium, and the City is providing \$100,000 through their Non-Point Source SRF grant. The request of East Dakota is for \$50,000.

The Manager noted that the proposed pilot project is the logical extension of the very promising research that the District has supported all along, and addresses a very real non-point source pollution issue impacting a number of District water resources. He encouraged Board support of the request.

Motion by Kappel, seconded by Hawley to provide \$50,000 in District cost-share assistance to South Dakota State University in support of the pilot project as requested. Motion carried unanimously.

Miner County Conservation District - Tami Moore, Miner Conservation District (MCD) Office Manager, presented a request for District cost-share assistance to be applied toward the purchase of a new grass drill. The drill is used in support of a variety of conservation activities, largely directed at seeding fields with native plants. MCD provides service to landowners in Miner County, along with western Lake County, as the Lake Conservation District does not own such equipment. She noted that with the trade-in of their existing drill, they would need to raise a total of \$37,500.

The Manager noted that back in December 2013, the Board considered a comparable request from MCD, ultimately agreeing to provide \$5,000 toward the effort. As part of the discussion at that time, it was recognized that if the District were to agree to provide cost-share assistance to one conservation district, then it would be reasonably expected to provide a comparable level of aid to the other conservation districts within our territory. Effectively, a pledge of \$5,000 to was really a commitment to ultimately provide up to \$50,000, as there are ten conservation districts within the District (Brookings, Codington, Deuel, Grant, Hamlin, Kingsbury, Lake, Miner, Minnehaha and Moody). In the end, the District awarded grants over the subsequent seven years totaling \$45,000, with all but the Lake Conservation District seeking assistance. As mentioned by Ms. Moore, they utilize MCD for such services.

The Board discussed the request with Ms. Moore and the Manager, including the potential implications of such support on future requests.

Motion by Kappel, seconded by Duffy to award \$2,500 in District cost-share assistance to MCD to be applied toward the purchase of a grass drill for conservation seeding.

Motion to Amend by Hawley, seconded by Poppe to increase the award to \$5,000 in District cost-share assistance to MCD to be applied toward the purchase of a grass drill for conservation seeding. Motion carried (4-3) with Directors Donovan, Hawley and Poppe, along with Chairman Anderson, supporting, and Directors Duffy, Kappel and Moes opposed.

Amended Motion carried (4-3) with Directors Donovan, Hawley and Poppe, along with Chairman Anderson, supporting, and Directors Duffy, Kappel and Moes opposed.

It was the consensus of the Board that in making the award that it was completing the 'original' commitment of \$50,000 in grass drill support. It was effectively awarding the unused funds that could have been requested by Lake County to MCD, which provides the services to the area. As such, the action did not commit any future funds to comparable requests.

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District Updates

Consideration of DRAFT 2022 Director Area Re-Districting - The Manager noted that following every federal census the water development district director areas are to be assessed to make certain that all residents are fairly represented. Under SDCL 46A-3B-3, this effort is managed by the South Dakota Board of Water and Natural Resources (BWNR), although the actual work is done by DANR staff. This process was not completed in time for application to the 2022 general election, and therefore the director areas remain, for now, those established following the 2010 census.

He reviewed with the Board a DRAFT map of the director areas that would reflect the 2020 federal census. It was his understanding that the revised directors areas for all of the water development districts would be considered by the BWNR at their meeting in late June.

Transfer of a Portion of the District's Future-Use Water Permit to LCRWS - The Manager noted that he had received notice from the DANR Water Rights Program that the transfer of a portion of the District's Future Use water right for Missouri River water to the Lewis & Clark Regional Water System had been completed.

Big Sioux River Project New Hire - Michaela Carlson was introduced as a new hire tasked with supporting the Big Sioux River Project (BSRP). Ms. Carlson has degrees in sustainability from the University of South Dakota, and environmental policy from the University of Minnesota. She began work on April 18th, and will be based in Sioux Falls.

Executive Session

Motion by Hawley, seconded by Duffy to go into executive session at 11:52 a.m. to discuss personnel matters relating to the Manager. Motion carried unanimously.

Motion by Hawley, seconded by Duffy to return to come out of executive session at 11:57 a.m. Motion carried unanimously.

Adjournment

There being no further District business, Chairman Anderson declared the meeting adjourned at 11:58 a.m.

Spencer Hawley, Secretary