



East Dakota Water Development District
132B Airport Drive
Brookings, SD 57006
605-688-6741 605-688-6744 Fax

MINUTES
August 22, 2014

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on August 22, 2014, at the Buffalo Ridge Conference Center in Gary, SD. Chairman Jarrett called the meeting to order at 10:55 a.m. The following persons attended:

Directors Present

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

Others Present

Darrell Ellefson, Lac qui Parle-Yellow Bank WD
Christopher Hay, South Dakota State University
Mary Homan, Lac qui Parle-Yellow Bank WD
Dianne Radermacher, Upper Minnesota WD
Kathy Tyler, State Representative District 4
Janelle Weatherly, Flandreau
Sam Wilmes, Watertown Public Opinion

Director(s) Absent

Kay Kassube
Jerry Soholt

Staff Present

Jay Gilbertson

DRAFT

Administrative Items

Approval of Agenda

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

Minutes - The Board reviewed the Minutes of the July 17th, 2014.

Motion by Duffy, seconded by Brown to approve the Minutes as amended. Motion carried unanimously.

Financial Reports - The Board reviewed the June 2013 and July 2013 Financial Reports.

Motion by Anderson, seconded by Moes to accept the June 2013 and July 2013 Financial Reports. Motion carried unanimously. Chairman Jarrett then asked that the reports be placed in the District files.

DRAFT

Report of Meetings and Conferences - Director Anderson attended the August 14th press conference announcing the 2014 Mayor's Big Sioux River Water Summit and the August 19th meeting of the Friends of the Big Sioux (FOBS). Both events were held in Sioux Falls.

Director Connelly attended the August 19th FOBS meeting in Sioux Falls.

Director Duffy a meeting on wetland determinations held at DakotaFest in Mitchell on August 19th.

Director Moes reported on the August 20th meeting of the Lake Pelican Water Project District in Watertown.

Chairman Jarrett attended the July 31st meeting of the Lake County Clean Water Committee in Madison.

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

1. **July 21 thru August 13** - Public water supplier well fields in Codington and Clark Counties. EDWDD WHPA II Project field work.
2. **July 24** - Pierre. Regional Watershed Advisory Task Force.
3. **July 31** - Madison. Lake County Clean Water Committee.
4. **August 14** - Sioux Falls. 2014 Mayor's Big Sioux River Water Summit press event.
5. **August 15** - Brookings. Planning session for 2014 Eastern South Dakota Water Conference.
6. **August 20** - Centerville. Vermillion Basin Water Development District Board of Directors.
7. **August 21** - Mitchell. SDSU College of Agriculture & Biological Sciences Advisory Board.

Upcoming Meetings

1. **September 4 - 1:00 p.m.** - Hilton Garden Inn, 201 East 8th Street, Sioux Falls. 2014 Mayor's Big Sioux River Water Summit.
2. **September 11 - 9:00 a.m.** - Aberdeen. James River Water Development District Board of Directors meeting.
3. **September 16-19** - Watertown. 80th Annual South Dakota Water & Wastewater Association Conference.
4. **September 17 - 9:00 a.m.** - Environmental Center, Sioux Falls. Central Big Sioux River Watershed Project Steering Committee.
5. **September 17 - 1:30 p.m.** - Ortonville, MN. Upper Minnesota River Watershed WRAPS planning meeting.
6. **September 17 - 2:00 p.m.** - Rapid City. West Dakota Water Development District Board meeting.
7. **September 18 - 9:00 a.m.** - Brookings. Regional Watershed Advisory Task Force (RWATF) Watershed Entities Sub-Committee meeting.

Motion by Duffy, seconded by Scheibe to change to the date of the September Board of Directors meeting from Thursday, September 18th to Friday, September 19th. The location (EDWDD Office in Brookings) and start time (9:00 a.m.) would remain as previously established. Motion carried unanimously.

8. **September 19 - 9:00 a.m.** - EDWDD Office, Brookings. September EDWDD Board of Directors Meeting. Public hearing on 2015 District budget at 10:00 a.m.
9. **September 24 - 10:00 a.m.** - State Capitol Building, Pierre. RWATF

10. **September 25 & 26**, Watertown. South Dakota Board of Water and Natural Resources. Field tour (9/25) of area water resource projects and activities organized by District staff.

Payment Requests - The Manager reviewed several requests for payment:

South Dakota State University I - In October 2013, the District agreed to provide \$6,000 in cost-share assistance to South Dakota State University (SDSU) for a research project entitled, "Nutrient Removal from Agricultural Subsurface Drainage Using Denitrification Bioreactors and Phosphate Adsorbents." Dr. Guanghui Hua, Assistant Professor in the SDSU Civil and Environmental Engineering Department (CEE), is the lead investigator on the project. SDSU has submitted billings for this project covering project expenses (\$711.41) for the period from 6/1/14 thru 7/31/14.

South Dakota State University II - In October 2011, the District agreed to provide \$60,438 in cost-share assistance to South Dakota State University (SDSU) for a research project entitled, "Agricultural Subsurface Drainage Impacts on Hydrology in Eastern South Dakota." Dr. Chris Hay has provided several updates on the project, and will provide another later in the meeting. SDSU has submitted a billing covering project expenses (\$4,198.07) for the period from 5/1/14 thru 7/31/14. Prior payments totaling \$52,846.26 have been made in support of this effort.

United States Geological Survey SD Water Science Center - At the September 2013 Board meeting, the District pledged \$7,755 toward the operation and maintenance of a gaging station on the Big Sioux River near Bruce during Federal Fiscal Year (FFY) 2014. The USGS has submitted a billing for the operation of the Bruce gage during FFY 2014 in the amount of \$7,755. This will complete the District obligation for this time period.

United States Geological Survey MN Water Science Center - At the September 2013 Board meeting, the District pledged \$2,816 toward the operation and maintenance of gaging stations on the Whetstone River in Grant County (USGS 05291000) and the Yellow Bank River gage in Lac qui Parle County (USGS 05293000). The USGS has submitted a billing for the operation of these two gages during FFY 2014 in the amount of \$2,816. This will complete the District obligation for this time period.

The Manager requested authority to make the requested payments, as presented, in the total amount of \$15,480.48.

Motion by Duffy, seconded by Connelly to authorize payments totaling \$15,480.48 as requested. Motion carried unanimously.

Personnel Committee Report - Director Brown, Chair of the Personnel Committee, presented the results of the Committee's meeting held earlier in the day. Annual performance reviews were completed on District staff by the Manager. The staff received generally high marks, and there were no significant concerns or problems identified. Director Brown reported that the Manager's performance evaluation, a composite completed by all Board members, also indicated a high level of satisfaction with his efforts. For salary compensation for Fiscal Year 2015, the Committee recommended an increase of four percent (4%) for all full-time District staff.

Finance Committee Report - Acting-Committee Chairman Scheibe and the Manager reviewed the draft FY 2015 budget developed at the Finance Committee meeting held earlier in the day. The budget contains a

two percent (2%) increase in the District's base tax levy. They noted that there were no substantial changes in the proposed budget from the prior year, beyond allocation of funds to replace one of the District's three vehicles. The Manager noted that the proposed budget contained sufficient funds to cover the recommended staff salary increases. He also indicated that no formal Board action on the proposed budget was necessary at this time. However, he did request that the Board establish the time and place for the public budget hearing. He suggested that it be held at the September 19th Board meeting in Brookings.

Motion by Brown, seconded by Duffy to hold the public hearing on the District's FY 2015 budget on Friday, September 19, 2014, at 10:00 a.m. at the District office in Brookings and to authorize publication of the draft budget and necessary public notices. The Manager indicated that the draft budget will be published in all District newspapers in advance of the public hearing. Motion carried unanimously.

Agricultural Subsurface Drainage Impacts on Hydrology in Eastern South Dakota

Dr. Chris Hay, with the South Dakota State University (SDSU) Agricultural & Biosystems Engineering Department, briefed the Board on the status of his work on a project entitled, "Agricultural Subsurface Drainage Impacts on Hydrology in Eastern South Dakota." In October 2011, the District agreed to provide \$60,438 in cost-share assistance for this project, which is intended to evaluate the extent to which subsurface agricultural tilling alters the process, timing and degree to which water moves through fields. Specifically, the project is evaluating the performance of the DRAINMOD drainage simulation model using estimated soil hydraulic parameters and estimating the hydrologic effects of drained fields compared to undrained fields under typical crop rotations for commonly drained soils in eastern South Dakota.

Area Water Resource Project Updates

Upper Minnesota River Watershed District - Dianne Radermacher, Administrator for the Upper Minnesota River Watershed District (UMRWD), briefed the Board on their current activities. She explained the status of the engineering investigation to develop options to return portions of the flow of the Whetstone River near Big Stone City to its original channel leading to the Minnesota River. Meetings are scheduled for later in the fall to settle on a final plan of action. She thanked the Board for its support of this effort to restore the natural conditions for the betterment of the river and Big Stone Lake.

Ms. Radermacher also touched on the Minnesota Department of Natural Resources (DNR) planned Watershed Restoration and Protection Strategies (WRAPS) program to be implemented in 2015 in the Upper Minnesota River watershed, which would cover the watershed of Big Stone Lake and the uppermost segment of the Minnesota River, including the watersheds of the Whetstone and Yellow Bank Rivers. The Manager noted that while the DNR effort would be limited to the Minnesota portions of the area, UMRWD had successfully lobbied DNR to include District and SD DENR staff in the planning process.

Lac qui Parle-Yellow Bank Watershed District - Mary Homan, Project Coordinator, and Darrell Ellefson, Manager, for the Lac qui Parle-Yellow Bank Watershed District (LQPYBWD), reviewed current activities of the Project. Ms. Homan noted that a 2015 WRAPS project was also scheduled for the Lac qui Parle River watershed. District staff would be invited to participate in the planning process for this project as well.

Ms. Homan briefed the Board on their effort to establish a series of water detention dams along the eastern slope of the Coteau des Prairies. With over a thousand feet of elevation drop from the headwaters to the

DRAFT

confluence with the Minnesota River, heavy rains and snow melt runoff events within the watersheds of the Yellow Bank and Lac qui Parle Rivers often result in flooding over much of the eastern portions of LQPYBWD. They have had success constructing dry dams in the western parts of the watersheds that catch and then slowly release runoff, reducing damages from rapid runoff. She distributed information on LQPYBWDs flood water retention planning and design efforts, including existing structures on Lazarus Creek and plans for two additional dams on the Lac qui Parle River.

Mayor's 2014 Big Sioux River Water Summit

The Manager noted that the City of Sioux Falls would be holding the Second Annual Mayor's Big Sioux River Water Summit at the Downtown Hilton Garden Inn from 1:00 to 5:00 p.m. on September 4th. He has been asked to give a presentation at the Summit (Skunk Creek water quality) and will be part of a panel discussion hosted by Mayor Mike Huether. The Manager encouraged all present to consider attending the event.

The City of Sioux Falls Public Works Environmental Division is seeking co-sponsors for this event. The Manager stated that support for such an event seemed like a very appropriate action, and requested formal approval to sign on as a co-sponsor, at a cost of \$500.

Motion by Connelly, seconded by Brown to have the District sign on as a co-sponsor to the 2014 Mayor's Big Sioux River Water Summit and to contribute \$500 toward the event. Motion carried unanimously.

DRAFT

Adjournment

There being no further District business, Chairman Jarrett declared the meeting adjourned at 1:10 p.m.

Roger Scheibe, Secretary

DRAFT