



East Dakota Water Development District

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MINUTES
March 15, 2007

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on March 15, 2007 at the EDWDD office in Brookings. Chairman Dempsey called the meeting to order at 9:05 a.m. The following persons attended:

Directors Present

Lois Brown
Bill Dempsey
Curt Eggers
Vincent Flemming
Martin Jarrett
Kay Kassube
Robert Todd
John Weidler

Directors Absent

Doug Feten

Others Present

Scott Buss, Minnehaha Community Water Corporation
Pat Carey, Banner Associates
Larry Fuerney, Lake Poinsett Sanitary District
Ted Haeder, First Planning District
Van Kelly, SDSU Water Resources Institute
Dennis Rebelein, Banner Associates

Staff Present

Lisa Bretsch
Jeanne Fromm
Jay Gilbertson
Angela Guidry
Pat Hammond
Deb Springman

Administrative Items

Approval of Agenda - The Manager asked to have one item (Phosphorus testing) added to the Agenda under District Project Updates. **Motion** by Flemming, seconded by Weidler to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the February 15, 2007 meeting. **Motion** by Eggers, seconded by Weidler to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the February 2007 financial report. **Motion** by Brown, seconded by Flemming to accept the financial report. Motion carried unanimously. Chairman Dempsey then asked that the report be placed in the District files.

Report of Meetings and Conferences - Director Flemming attended the February 26th Annual Meeting of the Lake Pelican Water Project District in Watertown and the Central Big Sioux River Watershed Project (CBSRWP) Landowners meeting on March 7th in Castlewood.

Director Todd reported on the March 8th meeting of the Interlakes Water Quality Committee in Madison.

Chairman Dempsey reported on the March 8th meeting of the State Conservation Commission held via a telephone conference call.

The Manager briefly commented on the following meetings he attended:

1. February 20 - Sioux Falls. Minnehaha County Commission - feedlot permit hearing.
2. February 21-23 - Pierre. Lobbying for water resource legislation.
3. February 25-28 - Pierre. Lobbying for water resource legislation.
4. March 7 - Castlewood. CBSRWP landowners meeting.
5. March 8 - Brookings. South Dakota Lakes & Streams Association
6. March 12 - Clear Lake. Deuel County Zoning Board - feedlot permit hearing.

Upcoming Meetings -

1. **March 15 - 7:00 p.m.** - City Hall, Watertown. Upper Big Sioux River Watershed Advisory Board.
2. **March 16** - Flandreau. Moody County Farm Show - BSR Watershed Project display.
3. **March 20 & 21** - University of Sioux Falls, Sioux Falls. Sioux Empire Water Festival.
4. **March 20 - 10:00 a.m.** - Matthews Training Center, Pierre. State 319 NPS Task Force.
5. **March 21 - 10:00 a.m.** - Sioux Valley Energy Building, Brandon. BSR Watershed Project landowner informational meeting.
6. **March 27 - 7:00 p.m.** - Public Library, Madison. Interlakes Water Quality Committee.
7. **March 29 & 30** - Matthews Training Center, Pierre. State Board of Water and Natural Resources.
8. **April 3 - 6:30 p.m.** - Colman-Egan School, Colman. Big Sioux Community Water System Annual Meeting.
9. **April 9 - 6:30 p.m.** - High School, Arlington. Kingbrook Rural Water System Annual Meeting.
10. **April 10 - 6:30 p.m.** - Community Center, Clear Lake. Brookings-Deuel Rural Water System Annual Meeting.
11. **April 19 - 9:30 a.m.** - Big Sioux Community Water System Office, Egan. April Board of Directors Meeting.

Travel Authorization - The Manager requested Board authorization to attend the 53rd Annual Midwest Friends of the Pleistocene Field Conference in Oshkosh, Wisconsin on May 18-20. The meeting brings together government and private sector geologists from over a dozen states and provinces with interests in deciphering glacial landscapes and materials. The estimated cost would be about \$500. **Motion** by Kassube, seconded by Eggers to authorize the Manager to attend the meeting. Motion carried unanimously.

Payment Request (Pending) - The Manager noted that at the October 2005 meeting, the Board had set aside up to \$2,500 for support of research into soil phosphorus loading and runoff at South Dakota State University. The request for support had come from the South Dakota Farm Bureau, in conjunction with several agricultural commodity groups. The Board's support was contingent on matching support being provided by the livestock industry, which was subsequently attained. The Manager noted that he was expecting a billing from SDSU for the District's support in the coming weeks, and requested that Board authorize payment subject to receipt of the request. **Motion** by Kassube, seconded by Weidler to allow the Manager to make the payment upon receipt of a valid and complete billing. Motion carried unanimously.

Consolidated Water Facilities Construction Program Applications and Recommendations

The Manager reported that four requests for funding from the Consolidated Water Facilities Construction Program (CWFCP) were submitted to the DENR by projects within EDWDD. The Board of Water and Natural Resources (BWNR) has requested that the District provide a recommendation on CWFCP funding requests.

The four CWFCP applications from within EDWDD are seeking a total of \$1,602,579 in funding during the March funding round. Statewide there are 15 projects requesting a total of \$5,870,324. There will be approximately \$4,500,000 available for the year.

Presentations were made to the Board by the Manager and representatives from the various projects. Projects were discussed and reviewed in the order listed below. During the discussion of each project, all sponsors, participants and supporters in attendance were given the opportunity to talk to the Board.

The Board made the following recommendations to the BWNR regarding the CWFCP grant applications:

City of Crooks: Wastewater Treatment Expansion - **Motion** by Brown, seconded by Flemming to recommend funding for this project. Motion carried unanimously.

City of Hartford: Water & Sewer System Improvements - **Motion** by Todd, seconded by Brown to recommend funding for this project. Motion carried unanimously.

Lake Poinsett Sanitary District: Wastewater Collection and Treatment - **Motion** by Kassube, seconded by Eggers to recommend funding for this project. Motion carried unanimously.

City of Madison: Wastewater Treatment System Improvements - **Motion** by Jarrett, seconded by Todd to recommend funding for this project. Motion carried unanimously.

The Manager indicated that all recommendations will be forwarded to project sponsors, DENR and BWNR. The BWNR will consider the requests at their March 29-30 meeting in Pierre. The Manager will attend the meeting.

2006 Legislative Session Report

The Manager reviewed the results of the recently completed 82nd South Dakota Legislative Session. He summarized the status of the bills he had been following over the course of the session (listed below):

Senate Bill 7 - An Act to establish certain fees to provide for air quality permitting, inspecting, and compliance services to ethanol production plants.

Senate Bill 8 - An Act to regulate natural gas produced with water unless the gas is used for personal purposes.

Senate Bill 9 - An Act to require water pollution control permits for certain concentrated animal feeding operations.

Senate Bill 121 - An Act to require financial assurances for certain concentrated animal feeding operations for the remediation of potential environmental damage.

Senate Bill 127 - An Act to require the disclosure of known contamination of waterways on property condition disclosure statements.

Senate Bill 164 - An Act to permit certain taxing districts to revise the amount of revenue payable from property taxes.

House Bill 1017 - An Act to make an appropriation from the coordinated soil and water conservation fund to the State Conservation Commission.

House Bill 1131 - An Act to increase the amount of funding for conservation and value-added agriculture purposes from certain unclaimed motor fuel tax refunds.

House Bill 1225 - An Act to revise the title of the coordinated soil and water conservation fund and coordinated soil and water conservation plan.

House Bill 1226 - An Act to revise provisions related to water project district voter eligibility.

House Bill 1245 - An Act to make appropriations from the water and environment fund, the environment and natural resources fee fund, the water pollution control revolving fund subfund, and the drinking water revolving fund subfund for various water and environmental purposes, to revise the state cost share for the Lewis and Clark Rural Water System, and to declare an emergency.

South Dakota Water Resources Institute

Dr. Van Kelly, Director of the South Dakota Water Resources Institute (SDWRI), reviewed ongoing activities. The mission of SDWRI is to provide the leadership in coordinating the research and training at South Dakota State University, along with other affiliated educational institutions and agencies across the state in the broad area of water resources. It administers the funds received from the United States Department of Interior, as

made available through the Water Resources Research Act of 1984 and from the state of South Dakota. Funds received through these sources targeted for research are directed toward solving state, regional, and national water problems. Graduate research training, technology transfer, and information transfer are services which are provided through the SDWRI. Water Resources Institutes nationwide receive their primary funding through the United States Geological Survey, and serve as the primary USGS link to the nations land-grant colleges.

Dr. Kelly noted that a major area of concern to the SDWRI and its cooperators was the fate and transport of phosphorus contained in livestock wastes. Manure represents a major source of nutrients and is an important soil amendment. However, excess phosphorus can have a serious adverse impact on area water resources, particularly recreational lakes. SDWRI is currently examining the retention and/or movement of phosphorus in various major soils groups across the State. The Manager noted that some of the early work in this area was the foundation for Angela Guidry's doctoral dissertation at SDSU.

Project Updates

Big Sioux Watershed Assessment Projects - Deb Springman presented a summary of recent activity on the District's watershed assessment efforts. School Lake watershed assessment and TMDLs are awaiting publication. The Central Big Sioux River watershed assessment is close to being public noticed. The DENR is putting together a notification letter for the NPDES facilities. The North Central Big Sioux River watershed assessment and the Oakwood Lakes watershed assessment are under review at the SD DENR. The Wall Lake report is awaiting input from the SD DENR regarding feedlots and AnnAGNPS results.

An extension to our current webpage is being worked on which will provide up-to-date information on water quality of the Big Sioux River at the state monitored sites along the river. It will also provide information about the Big Sioux River Watershed to include stewardship, conservation, and resources for the public and educators to utilize.

Central Big Sioux River Watershed Project - Angela Guidry reported on project activities. Water quality sampling has begun in order to catch early season runoff. She has met with several individual landowners with interest in the programs. Formal landowner information meetings were held in Dell Rapids on February 22nd and Castlewood on March 7th. Both meetings were well attended. A ranking committee meeting was held on February 26th to discuss riparian area management (RAM) and feedlot improvement applications. The group opted to provide support to four RAM applications.

Volunteer Monitoring Program - Jeanne Fromm presented a summary of her efforts for the past month. Much of her time has been spent implementing the Bacteria Monitoring Project, which recruits and trains volunteers in water sampling methods in lakes and streams. The project specifically focuses on collecting water samples for bacteriological analysis at mini-labs operated by volunteers. Project work plan, data collection methods, database, and outreach materials were prepared. The outreach materials included a brochure explaining the program opportunities to potential volunteers and "job descriptions" describing the task and time commitments for field samplers and mini-lab operators. She also attended meetings with the Interlakes Water Quality Committee in Madison, Lake Campbell Association, and Lake Kampeska Water Project District Board in Watertown.

Phosphorus Testing - The Manager talked with the Board about several recent requests for information on the phosphorus (P) content of area waters. For many area lakes, excess nutrient loadings result in significant plant growth, particularly algae. Algal blooms can cause a variety of ecological and aesthetic problems, limiting the full use of the water body. In most instances, the nutrient most responsible for algae growth is phosphorus.

In conjunction with the District's efforts to expand and improve volunteer water quality monitoring, the Manager will be exploring options for conducting phosphorus testing in-house. The District's spectrophotometers, used to analyze water samples for nitrates, can also be used to measure P content. Staff will be looking at the various methods available using these devices. If they are deemed useful and cost-effective, the District will acquire any additional materials and equipment needed. The Manager noted that much like the nitrate analyses, any phosphorus testing conducted would be used primarily as a screening measure. However, quality assurance/quality control samples would be processed to check the accuracy of the process.

Adjournment

There being no further District business, Chairman Dempsey declared the meeting adjourned at 12:07 p.m.

Doug Feten, Secretary

**East Dakota Water Development District
Custom Summary Report
February 2007**

	Feb 07
6540 · Maintenance	
6541 · Office Maintenance	275.00
Total 6540 · Maintenance	275.00
6550 · Supplies	
6551 · Office Supplies	665.37
6554 · Water Festival Misc. Supplies	256.71
6550 · Supplies - Other	32.33
Total 6550 · Supplies	954.41
6560 · Payroll Expenses	
6163 · Payroll Taxes	1,578.03
6561 · Retirement	144.23
6562 · Health Insurance	2,104.44
6564 · Retirement Admin Co. 2	198.84
6560 · Payroll Expenses - Other	6,279.02
Total 6560 · Payroll Expenses	10,304.56
6565 · Payroll Expenses for Board	525.00
6566 · Payroll Expenses Technical	
6570 · Retirement Technical Asst. - Co	608.82
6571 · Technical Asst. Employ. 2 Co.	198.84
6566 · Payroll Expenses Technical - Other	14,752.93
Total 6566 · Payroll Expenses Technical	15,560.59
6620 · Printing and Reproduction	6.15
6640 · Professional Fees	
6660 · Legal Fees	400.00
6680 · Public Outreach	20.91
6640 · Professional Fees - Other	135.00
Total 6640 · Professional Fees	555.91
6690 · Rent	
6691 · Office Rent	1,500.00
6692 · Postage Meter	490.36
Total 6690 · Rent	1,990.36
6880 · Telephone	
6881 · Cell Phone	132.90
6882 · Office Phone	252.41
Total 6880 · Telephone	385.31
6900 · Travel & Ent	1,119.98
6940 · Utilities	
6970 · Trash Removal	51.30
Total 6940 · Utilities	51.30
Total Expense	43,327.32
Net Ordinary Income	15,893.90
Other Income/Expense	
Other Expense	
8050 · Project Expenditures	
8054 · Corson Village Sanitary Dist 05	625.00
Total 8050 · Project Expenditures	625.00

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	<u>Feb 07</u>
8700 · Uncommitted Project Funds	
8702 · Sioux Empire Water Fest 07	5,000.00
8716 · Big Sioux Water Festival 07	5,000.00
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Total 8700 · Uncommitted Project Funds	10,000.00
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Total Other Expense	10,625.00
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Net Other Income	-10,625.00
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Net Income	5,268.90
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