



East Dakota Water Development District

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MINUTES
June 21, 2007

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on June 21, 2007 at the EDWDD office in Brookings. Vice-Chairman Eggers called the meeting to order at 9:05 a.m. The following persons attended:

Directors Present

Curt Eggers
Doug Feten
Vincent Flemming
Martin Jarrett
Kay Kassube
Robert Todd
John Weidler

Directors Absent

Lois Brown
Bill Dempsey

Others Present

Sol Brich, SD Department of Environment & Natural Resources
Scott Buss, Minnehaha Community Water Corporation
Jean Eggers, Renner
Shirley Flemming, Florence

Staff Present

Lisa Bretsch
Jay Gilbertson
Pat Hammond

Administrative Items

Approval of Agenda - The Manager asked to have an addition item added to the District Updates section, which would be a report on the District's Ground Water for Public Officials project. **Motion** by Weidler, seconded by Todd to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the May 17, 2007 meeting. **Motion** by Todd, seconded by Kassube to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the May 2007 financial statements. **Motion** by Kassube, seconded by Weidler to approve the May 2007 financial statements. Motion carried unanimously. Vice-Chairman Eggers directed that the approved financial statements be placed in the District files.

Report of Meetings and Conferences - Directors Eggers, Feten, Flemming and Weidler attended the Annual Meeting of the Lewis and Clark Rural Water System in Sioux Falls on May 31st.

Directors Jarrett and Todd attended the June 7th meeting of the Interlakes Water Quality Committee in Madison.

Director Eggers attended the June 18th meeting of the Vermillion-Big Sioux Area Conservation District in Canton.

Director Flemming attended the June 20th meeting of the Lake Pelican Water Project District in Watertown.

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

1. **May 18-20** - Oshkosh, WI. 53rd Midwest Friends of the Pleistocene Field Conference.
2. **May 24** - via teleconference. SD Board of Water and Natural Resources.
3. **May 31** - Sioux Falls. Project WET Training session - presentation on SD water issues.
4. **June 1** - Sioux Falls - CBSRWP discussion with City of Sioux Falls and DENR staff.
5. **June 7** - Madison. Interlakes Water Quality Committee.
6. **June 14** - Brookings. SD Lakes & Streams Association Board Meeting.
7. **June 18** - Canton. Vermillion-Big Sioux Conservation Districts Area Meeting.
8. **June 19 & 20** - Milbank. Geologic field tour for Wisconsin science teachers.

Upcoming Meetings -

1. **June 21 - 7:00 p.m.** - City Hall, Watertown. Upper Big Sioux River Watershed Advisory Board.
2. **June 28 & 29 - 1:00 p.m.** - Matthews Training Center, Pierre. Board of Water and Natural Resources.
3. **June 28 - 7:00 p.m.** - Public Library, Madison. Interlakes Water Quality Committee.
4. **July 11 & 12** - Milbank. Water Management Board.
5. **July 12 - 8:00 a.m.** - Matthews Training Center, Pierre. SD Conservation Commission.
6. **July 12 - 1:00 p.m.** - EDWDD Office, Brookings. South Dakota Lakes & Streams Association Board meeting.
7. **July 20 - 10:00 a.m.** - EDWDD Office, Brookings. July EDWDD Board of Directors meeting.

Standing Committee Meetings - The Board selected the following meeting times and dates:

Personnel Committee - 2:00 p.m., July 12th, Big Sioux Community Water System office in Egan; and **Finance Committee** - 8:30 a.m., July 19th at the EDWDD office. The Manager noted that with the Finance Committee meeting at 8:30 a.m. on July 19th, the starting time for the regular Board of Directors meeting scheduled for that date would be 10:00 a.m., rather than 9:00 a.m.

Payment Requests - The Manager presented the Board with two requests for payment on behalf of District sponsored activities:

City of Flandreau - In April 2005, the Board agreed to provide cost-share assistance of 10% of project costs, up to a maximum of \$5,000, toward the development of the Flandreau Wetlands Education Project. The City has submitted a final report on the project, including a financial summary. The Manager noted that project expenses, originally estimated at just over \$51,000, came in well below this number. The final cost figure was \$31,962.38. As such, the District obligation would amount to \$3,196. **Motion** by Flemming, seconded by Weidler, to authorize payment of \$3,196 to the City of Flandreau for the District's share of project costs. The manager noted that this would complete the District obligation to the project. Motion carried unanimously.

SDSU Regional Water System Research Center - In December 2006, the Board agreed to provide District cost-share assistance in support of a research center to focus on regional water supply system issues at South Dakota State University (SDSU). The Board committed \$30,000 toward this effort, to be spread over three years (\$10,000 per year). The Regional Water System Research Center (RWSRC) has been established under the Water and Environmental Engineering Research Center, located in the College of

Engineering at SDSU. Program goals and priorities have been established by an Advisory Council, with members drawn from entities that have provided financial and technical support. The Manager serves on the Advisory Council representing the District. Projects for study and investigation have been identified for the coming year, and the RWSRC has requested the first installment of District support. **Motion** by Todd, seconded by Feten to authorize payment of \$10,000 in District cost-share assistance, as provided by the December 2006 Board action, to SDSU on behalf of District support for the RWSRC for 2007. The motion carried unanimously.

Water Festival Trunks Funding Request

Lisa Bretsch made a request for District cost-share assistance for the purchase of materials to assemble a portable set of classroom activities (trunks). The District/Brookings Water Festival currently has four sets of trunks, consisting of various exercises that relate to a particular theme. She noted that there are currently two sets of trunks that cover wetland issues, and one set each on lakes & streams and weather. Teachers sign up for the trunks for the coming year at the festival each spring. She said that at the May 2007 event, there was substantial interest in the trunks. Each set is fully booked for next year, and there substantial waiting lists. She is proposing to use the District assistance to assemble another set of the weather of trunks. She expects the material costs to be about \$3,000 per set, and anticipates having the new set ready for distribution in September. **Motion** by Todd, seconded by Jarrett to allocate \$3,000 as requested and to authorize expenditure of the funds as needed. Motion carried unanimously.

Bank Stability Model Demonstration Project

The manager introduced Sol Brich, of the SD DENR Watershed Protection Program. Mr. Brich described an assessment tool that has been developed by the Watershed Physical Processes Research Unit (WPPRU) of the United States Department of Agriculture National Sedimentation Laboratory (located in Oxford, Mississippi). The Bank Stability and Toe-Erosion Model is used to assess sediment erosion potential along streams and rivers and can be used to assess the impact of proposed best management practices. DENR is interested in using this model to help better identify stream segments where remedial efforts would be most effective. Working with the WPPRU, DENR has developed a demonstration project to be conducted along the Big Sioux River between Brookings and Sioux Falls.

The Manager noted that DENR has asked if the District would agree to be the local sponsor of the project. Direct funding (approximately \$57,000) for the study would come from DENR, but District staff would be involved in site selection and assessment. He noted that this would be of particular benefit to the Districts ongoing watershed implementation projects. The Manager indicated that the effort would involve two agreements - one between the District and DENR for funding, and a second between the District and WPPRU for the actual study. **Motion** by Todd, seconded by Flemming to authorize the Manager to negotiate agreements with DENR and WPPRU to execute the demonstration projects and to authorize Chairman Dempsey to sign the necessary agreements once they are prepared. Mr. Brich noted that it was likely that the research effort would be underway by this fall. Motion carried unanimously.

Project Updates

Big Sioux River Watershed Assessment Projects - The Manager reported that Deb Springman had been working on the Lake Campbell/Battle Creek Reassessment Project for most of the past month. Her efforts

have included water sampling and collecting stage and discharge measurements. She is assembling watershed maps for compilation of land-use information. An inventory of animal feeding operations will be part of the study.

Central Big Sioux River Watershed Implementation Project - The Manager reviewed material prepared by Project Coordinator Angela Guidry. Monthly water quality sampling is in progress. She has met with three additional producers interested in animal waste management systems in the Hamlin County, and one other producer considering an easement. She also met with Commissioner of School and Public Lands Jarred Johnson about the possibility of establishing several easements along Split Rock Creek near Corson.

Volunteer Water Monitoring - The Manager reviewed comments from Jeanne Fromm on volunteer monitoring efforts. For the Bacteria Project, she has completed training of all project participants. A summary of the first several months of testing has been distributed to project partners and volunteers. She re-sampled a site on Lake Kampeska following an exceptionally high reading in early June. Ms. Fromm has met with several representatives from lakes (Madison, Cochrane and Waubay) in the area who have in the past participated in monitoring efforts, and is equipping them with materials to resume their efforts.

The Manager noted that public interest in the volunteer monitoring program has been better than expected, and requested that the Board set aside an additional \$2,000 in District project assistance to support these efforts. **Motion** by Kassube, seconded by Flemming to allocate \$2,000 to be applied toward volunteer monitoring activities as requested. Motion carried unanimously.

Ground Water for Public Officials - Pat Hammond and the Manager reviewed District efforts to develop a presentation on the basic of ground water geology and hydrology for eastern South Dakota. The presentation is intended to provide background information for those local public officials who make decisions that could impact ground water resources. The Manager noted that all of the counties within the District have adopted aquifer protection zoning ordinances. These are based, in large part, on shallow aquifer maps developed by the District and the South Dakota Geological Survey (SDGS) in the early 1990s. Given that most of the county commissioners and/or zoning board members involved in the original process are no longer active, this presentation is intended to bring the current decision makers “up to speed” on this important issue. Ms. Hammond went through the current version of the presentation with the Board, and noted that she and the Manager would be making presentations to area county zoning boards in July.

Adjournment

There being no further District business, Vice-Chairman Eggers declared the meeting adjourned at 11:10 a.m.

Doug Feten, Secretary

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

| | May 07 |
|--|------------|
| Ordinary Income/Expense | |
| Income | |
| 4100 · Tax Rev | |
| 4140 · Current Tax Revenue | 133,601.18 |
| 4150 · Prior Tax Revenue | 515.79 |
| 4160 · Miscell. Tax Revenue | 98.26 |
| Total 4100 · Tax Rev | 134,215.23 |
| 7010 · Interest Income | 2,043.25 |
| Total Income | 136,258.48 |
| Gross Profit | 136,258.48 |
| Expense | |
| 5000 · Dakota Water Watch | |
| 5010 · Citizen's Monitoring Project | |
| 5013 · Supplies and Materials DWWCM | 12.84 |
| Total 5010 · Citizen's Monitoring Project | 12.84 |
| 5050 · Bacteria Monitoring Project | |
| 5052 · Travel DWWBM | 229.53 |
| 5053 · Supplies and Materials DWWBM | 1,047.48 |
| 5055 · Bacteria Test Kits DWWBM | 174.56 |
| 5056 · Postage and Shipping DWWBM | 7.15 |
| Total 5050 · Bacteria Monitoring Project | 1,458.72 |
| Total 5000 · Dakota Water Watch | 1,471.56 |
| 5100 · BSR Web I&E Grant | |
| 5120 · Equipment BSRWI&E | 248.99 |
| Total 5100 · BSR Web I&E Grant | 248.99 |
| 5400 · CBSRWIP EDWDD Expenditures | |
| 5415 · Water Quality Analysis | 1,874.23 |
| 5435 · Outreach I & E | 340.80 |
| 5440 · Conservation Management Plans | |
| 5441 · RAM Program | 5,940.00 |
| 5443 · Ag Waste Mng Syst Engineering | 878.98 |
| Total 5440 · Conservation Management Plans | 6,818.98 |
| Total 5400 · CBSRWIP EDWDD Expenditures | 9,034.01 |
| 5500 · CBSRWIP State Expenditures | |
| 5520 · Travel | |
| 5521 · Gas for project | 276.47 |
| 5520 · Travel - Other | 126.00 |
| Total 5520 · Travel | 402.47 |
| 5535 · Supplies and Materials | 213.87 |
| 5540 · Outreach I & E | 511.20 |
| 5560 · Conservation District Expenses | |
| 5561 · CD Staff | 157.65 |
| 5562 · CD Travel | 62.48 |
| Total 5560 · Conservation District Expenses | 220.13 |
| 5570 · Conservation Management Plans | |
| 5572 · Ag Waste Mng Sys Engineering | 567.84 |
| Total 5570 · Conservation Management Plans | 567.84 |
| Total 5500 · CBSRWIP State Expenditures | 1,915.51 |
| 5700 · Lake Campbell Assessment | |
| 5710 · Water Quality Analysis LCAP | 1,264.00 |
| 5730 · Supplies and Materials LCAP | 147.31 |
| Total 5700 · Lake Campbell Assessment | 1,411.31 |

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| | May 07 |
|---|------------------|
| 5800 · Lake Madison Assessment Project | |
| 5820 · Travel - LMAP | 231.49 |
| Total 5800 · Lake Madison Assessment Project | 231.49 |
| 6050 · Vehicle Expense | |
| 6052 · Lease Expense | 643.18 |
| 6054 · Maintenance/Cleaning | 41.47 |
| 6055 · Purchase | 13,545.60 |
| 6056 · Vehicle Mechanical/Parts | 1,120.16 |
| 6057 · Miscellaneous | 311.00 |
| Total 6050 · Vehicle Expense | 15,661.41 |
| 6070 · BOD Travel & Ent | |
| 6072 · BOD Travel | 363.53 |
| Total 6070 · BOD Travel & Ent | 363.53 |
| 6080 · Capital Outlay Items | |
| 6086 · Software | 75.44 |
| Total 6080 · Capital Outlay Items | 75.44 |
| 6240 · Equipment Rental | |
| 6241 · Copier Lease/Rental | 187.14 |
| Total 6240 · Equipment Rental | 187.14 |
| 6380 · Insurance | |
| 6384 · Vehicle Insurance | 622.00 |
| Total 6380 · Insurance | 622.00 |
| 6530 · Miscellaneous | 61.70 |
| 6540 · Maintenance | |
| 6541 · Office Maintenance | 275.00 |
| Total 6540 · Maintenance | 275.00 |
| 6550 · Supplies | |
| 6551 · Office Supplies | 453.23 |
| 6552 · Garage Supplies | 90.25 |
| 6554 · Water Festival Misc. Supplies | 30.98 |
| Total 6550 · Supplies | 574.46 |
| 6560 · Payroll Expenses | |
| 6163 · Payroll Taxes | 1,907.28 |
| 6561 · Retirement | 206.48 |
| 6562 · Health Insurance | 2,104.44 |
| 6564 · Retirement Admin Co. 2 | 198.84 |
| 6560 · Payroll Expenses - Other | 7,316.62 |
| Total 6560 · Payroll Expenses | 11,733.66 |
| 6565 · Payroll Expenses for Board | 640.00 |
| 6566 · Payroll Expenses Technical | |
| 6570 · Retirement Technical Asst. - Co | 704.78 |
| 6571 · Technical Asst. Employ. 2 Co. | 198.84 |
| 6566 · Payroll Expenses Technical - Other | 17,903.66 |
| Total 6566 · Payroll Expenses Technical | 18,807.28 |
| 6610 · Postage and Delivery | 500.00 |
| 6620 · Printing and Reproduction | 38.39 |
| 6640 · Professional Fees | |
| 6645 · Temporary Service | 170.24 |
| 6640 · Professional Fees - Other | 150.00 |
| Total 6640 · Professional Fees | 320.24 |
| 6690 · Rent | |
| 6691 · Office Rent | 1,500.00 |
| Total 6690 · Rent | 1,500.00 |

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May 2007**

| | May 07 |
|--|------------------|
| 6880 · Telephone | |
| 6881 · Cell Phone | 175.43 |
| 6882 · Office Phone | 299.58 |
| | 475.01 |
| Total 6880 · Telephone | 475.01 |
| 6900 · Travel & Ent | 299.01 |
| 6940 · Utilities | |
| 6970 · Trash Removal | 51.30 |
| | 51.30 |
| Total 6940 · Utilities | 51.30 |
| 6980 · Water Quality Expenses | |
| 6981 · WQ Environmental Analysis | 55.00 |
| | 55.00 |
| Total 6980 · Water Quality Expenses | 55.00 |
| Total Expense | 66,553.44 |
| Net Ordinary Income | 69,705.04 |
| Other Income/Expense | |
| Other Expense | |
| 8010 · Other Expenses | 0.45 |
| | 0.45 |
| Total Other Expense | 0.45 |
| Net Other Income | -0.45 |
| Net Income | 69,704.59 |