



East Dakota Water Development District

132B Airport Drive

Brookings, SD 57006

605-688-6741

605-688-6744 Fax

---

---

**MINUTES**  
**July 20, 2006**

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on July 21, 2005 at the District Office in Brookings. Chairman Dempsey called the meeting to order at 10:30 a.m. The following persons attended:

**Directors Present**

Dave Bennett  
Bill Dempsey  
Curtis Eggers  
Vincent Flemming  
Kay Kassube  
John Weidler

**Directors Absent**

Lois Brown  
Doug Feten  
Martin Jarrett

**Others Present**

Paul East, CPA, East, VanderWoude & Co.  
Robert Kolbe, Minnehaha County Commission  
Russ Wilkins, Watertown

**Staff Present**

Lisa Bretsch  
Jay Gilbertson  
Angela Guidry  
Pat Hammond

**Administrative Items**

Approval of Agenda - The Manager asked to have the final report on the 2005 District Fiscal Audit added to the agenda. **Motion** by Weidler, seconded by Kassube to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the June 15, 2006 meeting. **Motion** by Bennett, seconded by Flemming to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the June 2006 Financial Report (Attachment A). **Motion** by Bennett, seconded by Eggers to accept the June 2006 Financial Report. Motion carried unanimously. Chairman Dempsey then asked that the report be placed in the District files. The Board also reviewed the second quarter financial summary.

Report of Meetings and Conferences - Chairman Dempsey attended the July 13 meeting of the State Conservation Commission in Pierre.

The Manager briefly commented on the following meetings he attended:

1. **June 19** - Flandreau. Water resource issues discussion with Flandrea Santee Sioux Tribe Department of Natural Resources.
2. **June 22 & 23** - Pierre. SD Board of Water and Natural Resources.

3. **June 26** - Hendricks, MN. Lake Hendricks issues discussion with Lincoln County, MN, Brookings County and Minnesota Department of Natural Resources staff.
4. **July 6** - Brookings. USDA-Natural Resource Conservation Service (NRCS) Rapid Watershed Assessment Project planning meeting.
5. **July 10** - Clear Lake. Town council meeting on septic system issues.
6. **July 11 & 12** - Rock Rapids, IA. IOWATER Program Level 1 Volunteer Monitor Training sessions.
7. **July 12** - Huron. New projects discussion with United States Geological Survey.
8. **July 13** - Brookings. South Dakota Lakes & Streams Association Board of Directors.
9. **July 18** - Grant & Roberts Counties. Geologic field tour with South Dakota State University Plant Science Department faculty.

Upcoming Meetings -

1. **July 24-27** - Pierre/Cheyenne River. Discover-A-Watershed Workshop.
2. **June 27 - 7:00 p.m.** - City Hall, Watertown. Upper Big Sioux River Advisory Board.
3. **August 2 - 9:00a.m.** - Sioux Falls. Presentation by the South Dakota Geological Survey (SDGS) of First Occurrence Maps for City of Sioux Falls.
4. **August 2 - 10:00 a.m.** - Brookings. NRCS Rapid Watershed Assessment Project meeting.
5. **August 10 - 1:00 p.m.** - EDWDD Office, Brookings. South Dakota Lakes & Streams Association Board of Directors meeting.
6. **August 17- 9:00 a.m.** - EDWDD Office, Brookings. August EDWDD Board of Directors meeting, with 2007 Budget hearing at 10:00 a.m.

Personnel Committee Report - Director Eggers, Chair of the District Personnel Committee, presented the results of the Committee's meeting held earlier in the day at the District office. 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 Eggers 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 compensation for Fiscal Year 2007, the Committee recommends a four percent (4%) base for all staff, except the Manager who would get a 3% increase. The Manager noted that the Committee's recommendations were built into the draft Fiscal Year 2007 budget prepared for consideration by the Finance Committee. Motion by Flemming, seconded by Bennett to accept the Personnel Committee recommendations. Motioned carried unanimously.

Finance Committee Report - The Manager reviewed the draft FY 2007 budget developed at the Finance Committee meeting held earlier in the day. The draft included the compensation changes recommended by the Personnel Committees. The draft budget also contains new funding under the Technical Assistance section in support of water quality testing efforts across the District. **Motion** by Weidler, seconded by Kassube to authorize publication of the draft budget and to hold the public hearing on the District's FY 2007 budget on August 17 at 10:00 a.m. at the District office in Brookings. The Manager indicated that the draft budget will be published in all District newspapers in advance of the public hearing. Motion carried unanimously.

## **2005 Fiscal Audit Report**

Paul East, CPA, reviewed the results of the audit of District finances during 2005. Copies of the final audit report were distributed to Board members. In general, there were no accounting errors or problems. Mr. East indicated that the report had been submitted to the State Department of Legislative Audit and had been accepted. **Motion** by Kassube, seconded by Bennett to accept receipt of the report and it's findings. Motion carried unanimously.

## **Local Water Quality Testing**

The Manager presented the Board with a summary of several programs in South Dakota and neighboring states designed to allow non-professional, citizen volunteers to collect information on the water quality in lakes, rivers and streams. Many programs started as the result of interest by local residents in the water bodies they live on and/or use regularly.

In Iowa, the IOWATER Program has provided training and materials to over 2,500 people. The Manager recently completed the 10-hour classroom- and field-based course. Volunteers are taught to collect information on the chemical, physical and biologic characteristics of the water bodies. This information, if collected under the guidance of a state-approved plan, is used as part of Iowa's bi-annual water body assessment (305(b) list). Funding is provided by the state and augmented with federal and private grants.

In Minnesota, the monitoring efforts are more directed, gathering information about specific water-quality parameters. Training and materials are provided by the state.

Citizen monitoring of water quality in South Dakota has progressed at a slower rate than in adjacent areas. Several year ago, the South Dakota Lakes and Streams Association (SDLSA) initiated a modest program targeting several lakes in the eastern part of the state. The primary focus was gathering water clarity data using Secchi disks. Data was collected by local lake monitors, and then forwarded annually to SDLSA for compilation and analysis. The program has been transferred to the South Dakota Discovery Center, and limited water quality sampling has been added. The South Dakota Department of Environment and Natural Resources (DENR) and federal grants have provided some funding for equipment and testing, but no permanent support for volunteer monitoring currently exists.

The Manager indicated that he has been approached by numerous groups about the need for a more rigorous volunteer monitoring program in South Dakota. The requests are coming from people who are interested in their local water bodies. The interest arises from both a general curiosity, as well as concern that potential impairments are not being adequately monitored. The requests center on getting more and better information, so that perceived problems might be addressed by the appropriate authorities. They also seek to assess the effectiveness of corrective measures already implemented.

The Manager indicated that over the next few months he intends to develop a program, for implementation within the District, to raise the level of support for volunteer water quality monitoring. He will focus on setting up programs that are easy to use, and that provide results of sufficient quality to be integrated into DENR's biannual state-wide water quality assessment. At the present time, little volunteer data meets the

required standards. He anticipates dedicating significant staff time to this effort, and has included funds in the draft 2007 budget in support of these activities.

In a related effort, the Manager is working with SDLSA and other interested groups in set up a pilot program to assess the effectiveness of citizen monitoring of bacteria in area water bodies. The project will involve the collection of water samples by area volunteers, with bacteria (general coliform and *E. Coli*) analyses conducted at three location (Brookings, Madison and Watertown). The bacterial analyses will be conducted using two readily available commercial products: Coliscan Easygel and 3M Petrifilm. These have been shown to be easy to use and to give good results. Splits of the samples will be sent to the State Health Laboratory for quality assurance/quality control (QA/QC) measures. The intent is to identify an accurate, but less expensive alternative to current analytical methods.

### **Project Updates**

Watershed Assessment Projects - Deb Springman reviewed the status of the District's watershed assessment projects. *School Lake* - Draft copies of the Final Report and total maximum daily load (TMDL) reports are under review by EPA. *Central Big Sioux River (CBSR)* - The latest "Final" drafts of the fecal coliform and total suspended solids TMDL reports were submitted to the DENR in late June. Public notice of the reports may yet come out this summer. *North-Central Big Sioux River* - Draft Final report submitted on May 12, no response from DENR. TMDL reports are completed, but have not be sent to DENR pending editorial changes on the CBSR documents. *East Oakwood Lake* - Portions of the report need to be revised (the results of the BATHTUB water quality model) due to an error in the methodologies provided by DENR. *Wall Lake* - This is the primary project in the coming months. She and the summer staff are reviewing and compiling field data from the 2001 to 2004 field seasons. Information provided so far appears incomplete.

Central Big Sioux River Watershed Implementation Project - In June, Angela Guidry toured several animal feeding operations in Nebraska. The facilities use vegetated treatment systems (VTSs) as a means of dealing with animal wastes. Runoff from a feedlot is routed through a settling basin, where solids are removed. Water collected in the basin is then allowed to drain over a large, vegetated area, where it is taken up by perennial plants. VTSs are being evaluated in South Dakota as a low-cost alternative to total containment, and are under consideration by several feedlot operators in the study area.

The project has agreed to fund two riparian area management projects in Minnehaha County, one on the Big Sioux River and another in the Skunk Creek basin. Support has also been provided to four animal waste management systems, two in Hamlin County and two in Minnehaha County.

Groundwater Projects - Pat Hammond reviewed recent activities. The summer field technicians have completed the inventories of state observation well in Brookings, Moody, Lake and Miner Counties, and work is beginning in Kingsbury County. She is reviewing the data sheets, and developing a spreadsheet to record and analyze the information. SDGS has requested early notification of any wells or well sites with exceptional problems, so that efforts can be initiated to address the problems.

SDGS has completed the development of First Occurrence of Aquifer Materials maps for the City of Sioux Falls. They will be presenting the results to City and District staff on August 2<sup>nd</sup>, and then rolling the maps out to the general public on Wednesday, August 9<sup>th</sup>, in conjunction with the "Capitol for a Day" event at the Sioux Empire Fairgrounds.

### **Adjournment**

There being no additional District business, Chairman Dempsey declared the meeting adjourned at 12:15 p.m.

---

Doug Feten, Secretary

**East Dakota Water Development District  
Custom Summary Report  
June 2006**

	Jun 06
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
4050 - Grants	
4082 - North Central BSRWP	7,271.50
4088 - BSRW Improvement Proj.	8,089.90
	15,361.40
4100 - Tax Rev	
4140 - Current Tax Revenue	85,593.45
4150 - Prior Tax Revenue	404.44
4160 - Miscell. Tax Revenue	92.51
	86,090.40
7010 - Interest Income	2,237.84
	103,689.64
<b>Total Income</b>	103,689.64
<b>Gross Profit</b>	103,689.64
<b>Expense</b>	
5500 - Big Sioux River Implementation	
5515 - CBSRWIP Water Quality Analysis	92.96
5520 - CBSRWIP Printing / Reproduction	10,651.25
5525 - CBSRWIP Travel	521.74
5535 - CBSRWIP Supplies and Materials	276.76
5560 - CBSRWIP Miscellaneous	11.00
	11,553.71
5700 - School/Bullhead Lakes Assess.	
5770 - Equipment - SBLAP	31.75
	31.75
5700 - School/Bullhead Lakes Assess.	31.75
6050 - Vehicle Expense	
6052 - Lease Expense	292.91
6053 - Fuel/Lubricants	27.95
6054 - Maintenance/Cleaning	16.49
6056 - Vehicle Mechanical/Parts	379.76
	717.11
6070 - BOD Travel & Ent	
6072 - BOD Travel	474.56
	474.56
6220 - Dues and Subscriptions	285.94
6240 - Equipment Rental	
6241 - Copier Lease/Rental	339.52
	339.52
6240 - Equipment Rental	339.52
6530 - Miscellaneous	156.13
6540 - Maintenance	
6541 - Office Maintenance	275.00
	275.00
6540 - Maintenance	275.00
6550 - Office Supplies	417.88
6551 - Office and Garage Materials	7.98
6560 - Payroll Expenses	
6163 - Payroll Taxes	1,529.07
6561 - Retirement	143.77
6562 - Health Insurance	2,104.44
6564 - Retirement Admin Co. 2	193.04
6560 - Payroll Expenses - Other	6,353.20
	10,323.52
6560 - Payroll Expenses	10,323.52
6565 - Payroll Expenses for Board	795.00

**East Dakota Water Development District**  
**Custom Summary Report**  
 June 2006

	<b>Jun 06</b>
6566 · Payroll Expenses Technical	
6570 · Retirement Technical Asst. - Co	404.06
6571 · Technical Asst. Employ. 2 Co.	193.04
6566 · Payroll Expenses Technical - Other	12,839.38
<b>Total 6566 · Payroll Expenses Technical</b>	<b>13,436.48</b>
6610 · Postage and Delivery	500.00
6620 · Printing and Reproduction	11.74
6640 · Professional Fees	
6645 · Temporary Service	170.24
<b>Total 6640 · Professional Fees</b>	<b>170.24</b>
6690 · Rent	
6691 · Office Rent	1,500.00
6692 · Postage Meter	362.00
<b>Total 6690 · Rent</b>	<b>1,862.00</b>
6880 · Telephone	
6881 · Cell Phone	122.89
6882 · Office Phone	310.94
<b>Total 6880 · Telephone</b>	<b>433.83</b>
6900 · Travel & Ent	421.98
6940 · Utilities	
6970 · Trash Removal	73.67
<b>Total 6940 · Utilities</b>	<b>73.67</b>
<b>Total Expense</b>	<b>42,267.84</b>
<b>Net Ordinary Income</b>	<b>61,421.80</b>
<b>Other Income/Expense</b>	
<b>Other Expense</b>	
8050 · Project Expenditures	
8051 · Missouri Sed Act Coal Member 05	2,000.00
8066 · Big Sioux Water Fest Trav 05	1,780.00
<b>Total 8050 · Project Expenditures</b>	<b>3,780.00</b>
<b>Total Other Expense</b>	<b>3,780.00</b>
<b>Net Other Income</b>	<b>-3,780.00</b>
<b>Net Income</b>	<b>57,641.80</b>