



East Dakota Water Development District

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## MINUTES

April 19, 2007

The Board of Directors of the East Dakota Water Development District (EDWDD) held a regular meeting on April 19, 2007 at the Big Sioux Community Water System Office, Egan. Chairman Dempsey called the meeting to order at 9:35 a.m. The following persons attended:

### Directors Present

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

### Others Present

John Bechen, Flandreau Santee Sioux Tribe DNR  
Shirley Flemming, Florence  
John Hay, Moody County Conservation District  
Vicki Kujawa, Flandreau Santee Sioux Tribe DNR  
Elizabeth Wakeman, Flandreau Santee Sioux Tribe DNR  
Mike Wakeman, Flandreau Santee Sioux Tribe DNR

### Staff Present

Jay Gilbertson  
Angela Guidry  
Pat Hammond

## Administrative Items

Approval of Agenda - The Manager asked to have a project assistance request from the Corson Village Sanitary District added to the agenda. **Motion** by Weidler, seconded by Brown to approve the agenda as amended. Motion carried unanimously.

Minutes - The Board reviewed the Minutes of the March 15, 2007 meeting in Brookings. **Motion** by Flemming, seconded by Kassube to approve the Minutes as presented. Motion carried unanimously.

Financial Reports - The Board reviewed the March 2007 Financial Report. **Motion** by Eggers, seconded by Feten to accept the March 2007 Financial Report. Motion carried unanimously. Chairman Dempsey then asked that the report be placed in the District files.

The Board then reviewed the First Quarter Financial Summary.

Report of Meetings and Conferences - Director Eggers attended a presentation to landowners in the Central Big Sioux River Watershed Project on March 21 in Brandon.

Director Flemming reported on the Clark Rural Water System Annual Meeting held in Clark on March 27 and the April 18 meeting of the Lake Pelican Water Project District in Watertown.

Directors Jarrett and Weidler attended the Big Sioux Community Water System Annual Meeting in Colman on April 3.

Directors Dempsey, Flemming, Jarrett and Weidler attended the Kingbrook Rural Water System Annual Meeting in Arlington on April 9.

Director Feten reported on the Brookings-Deuel Rural Water System Annual Meeting in Clear Lake on April 10.

The Manager briefly commented on the following meetings he attended:

1. March 15 - Madison. Interlakes Government Relations Committee.
2. March 16 - Flandreau. Moody County Farm Show.
3. March 20 - Pierre. NPS Task Force.
4. March 21 - Brandon/Sioux Falls. CBSRWP Landowner Meeting and Sioux Empire Water Festival.
5. March 27 - Canton. Ag United for South Dakota Livestock Training workshop.
6. March 29 & 30 - Pierre. SD Board of Water and Natural Resources.
7. April 3 - Colman. Big Sioux Community Water System Annual Meeting.
8. April 5 - Sioux Falls. South Dakota Canoe Association.
9. April 9 - Arlington. Kingbrook Rural Water System Annual Meeting
10. April 12 - SD Lakes & Streams Association.
11. April 13 - Brookings. Regional Water System Research Center Board of Advisors.
12. April 17 - Madison. Interlakes Government Relations Committee.

#### Upcoming Meetings -

1. **April 22** - Hillcrest Park, Brookings. Dakota Rural Action Earth Day Festival.
2. **April 25 & 26** - Chamberlain. SD Association of Rural Water Systems Managers Meeting.
3. **April 28 - 10:00 a.m.** - Methodist Camp, Lake Poinsett. Lake Poinsett Water Project District Annual Meeting.
4. **April 28 - 7:00 p.m.** - Lake Cochrane. Lake Cochrane Improvement Association Board of Directors.
5. **May 3 - 7:00 p.m.** - Public Library, Madison. Interlakes Water Quality Committee.
6. **May 5 - 11:00 a.m.** - Bramble Park, Watertown. 2007 SD Volunteer Monitors meeting.
7. **May 8 - 9:00 a.m.** - Beadle County Extension Center, Huron. James River Water Festival.
8. **May 10 - 11:00 a.m.** - Lakeview Café, Lake Poinsett. South Dakota Lakes & Streams Association Board Meeting.
9. **May 10** - Pierre. SD Conservation Commission
10. **May 15** - SDSU Campus, Brookings. Big Sioux Water Festival.
11. **May 17 - 9:00 a.m.** - EDWDD Office, Brookings. May EDWDD Board of Directors.

Staff Training - The Manager requested Board authorization to participate in a course entitled, Applied Environmental Education (EE) Program Evaluation, offered over the internet by the University of Wisconsin - Stevens Point during the Fall of 2007. The class will provide tools to better evaluate District EE activities. Class tuition is \$350, but the manager has received a \$200 scholarship granted to people involved in state EE programs, leaving a net cost of \$150. **Motion** by Todd, seconded by Weidler to allow the Manager to participate in the class and to authorize payment of the tuition. Motion carried unanimously.

### **Project Assistance Request from the Corson Village Sanitary District**

The Manager reviewed a project assistance request from the Corson Village Sanitary District (CVSD). CVSD has requested assistance in the completion of an engineering facility plan of its wastewater treatment and collection system. The total project cost was projected at \$12,000, of which \$8,000 is being requested from the State's Small Community Planning Grant Program. The manager noted that while the request for aid contained no specific dollar amount, District practice has been to provide half of the local costs for such efforts. In this case, that would amount to \$2,000. **Motion** by Eggers, seconded by Feten to provide District cost-share assistance to the CVSD for the development of the wastewater system engineering facility plan in the amount of 50% of local project costs, not to exceed a total of \$2,000. Motion carried unanimously.

### **Area Water Resources Programs**

Flandreau Santee Sioux Tribe Department of Natural Resources - John Bechen, Director of the Flandreau Santee Sioux Tribe Department of Natural Resources (DNR), reviewed his programs activities. DNR is in the process of developing a 5-year plan to address environmental concerns. Their long-term goal is to reduce pollutant loadings to the Big Sioux River so that the quality of water that leaves the area under tribal jurisdiction is no worse than when it entered the tribes territories. They are looking in particular at the protection of riparian areas along the river, and Mud and Flandreau Creeks. Bank stabilization is a big concern, although exactly how to stabilize river banks during high flows is going to be problematic. He noted that they have been following the progress of the Central Big Sioux River Watershed project with interest, and would be interested in meeting with Angela to explore potential cooperative activities.

Moody County Conservation District (MCCD) - John Hay, Project Coordinator for the MCCD, reviewed their ongoing activities. They are working in conjunction with District staff on the Central Big Sioux River Watershed Project. He noted that the riparian area management (RAM) program have been particularly popular in Moody County, and at this time most of the river bank between Egan and Trent is now under some sort of riparian area protection program. MCCD is also starting to work with the Flandreau Santee Sioux Tribe on issues of common interest. He also reviewed the local work group process by which they gather input from the agricultural community on priority issues.

Big Sioux Community Water System (BSCWS) - Martin Jarrett, BSCWS Manager, reviewed issues of concern for the water system. They are currently constructing a new clear well to increase the on-site storage capacity of treated water. The new storage facility will nearly triple storage, allowing a more uniform operation of the treatment. They are also exploring the possibility of establishing a new water treatment facility near Chester, to address growing demand at the western edge of the system. The treatment facility will likely be a "package" plant using membrane technology to treat the water, rather than constructing a large conventional treatment plant. Mr. Jarrett described a similar treatment facility recently brought on-line by the Clay Rural Water System.

### **2007 EDWDD/DENR Cooperative Water Quality Sampling**

The Manager noted that in early March, he was contacted by the State Department of Environment and Natural Resources (DENR) about conducting a cooperative effort to assess water quality conditions in two areas of particular local - Lake Poinsett and Lake Cochrane. The arrangement involves EDWDD staff collecting the water samples, and DENR covering the analytical costs at the State Health Laboratory.

Beginning in mid-March, District staff began collecting samples at both area. The sampling started as a weekly exercise, and was switched to bi-weekly in mid-April. He reviewed the results of the effort to date.

Lake Poinsett - the work is directed at establishing the quality of water in the various tributaries to the lake, as well as in the Big Sioux River. It has been proposed to direct river water in an effort to raise the water level in Lake Poinsett. Considerable concern has been raised about the likely adverse impact on the lake, as the water quality is typically substantially better. Sampling to date has confirmed that when the river is at its highest level, the quality of water is very poor.

Lake Cochrane - the work is directed at assessing the quality of water entering Lake Cochrane from several tributaries, including overflow from Lake Oliver. The concern is that the water from Lake Oliver is of substantially lower quality, and its movement into Cochrane is causing damage. Local interests have proposed diverting the flow from Oliver away from Cochrane. Sampling to date indicates that while Oliver water is somewhat poorer than Cochrane (using phosphorus as the indicator), the water in both is quite good compared to most lakes in eastern South Dakota.

### **District Project Updates**

Central Big Sioux River Watershed Project - Angela Guidry reviewed recent efforts with the Central Big Sioux River Watershed Project. She reviewed a number of contacts with landowners interested in Project activities. She noted that at the final landowner meeting, held in Brandon on March 21<sup>st</sup>, turn out was quite good, and a number of people expressed interest in participation. Water quality sampling for the 2007 field season has begun. Monthly baseline samples will be collected at about 40 sites.

The Manager requested Board action to allocate \$75,000 in District project assistance funds to the Central Big Sioux River Watershed Project in support of various elements of the work plan. District funds are used to cover water quality analyses, riparian area management (RAM) contracts, engineering and design assistance for animal feeding operation improvements and outreach and public education. **Motion** by Kassube, seconded by Flemming to allocate \$75,000 in District project assistance funds as requested and to authorize expenditure of these funds as needed to meet project goals and objectives. Motion carried unanimously.

Watershed Assessment Studies - The Manager reviewed progress on the District's watershed assessment projects. All comments received in response to the Public Notices have been addressed for the School Lake Watershed Assessment Project. Public Notices for the Central Big Sioux River Watershed Assessment are under development by DENR. The third draft of the North-Central Big Sioux River Watershed Assessment Final Report is under review by DENR. The second draft of the Oakwood Lakes Assessment Project Final report is under review by DENR.

The paperwork for the Assessment Study of the Lake Campbell/Battle Creek Watershed is expected shortly. The manager requested that the Board 1) commit \$3,000 in District project assistance funds for this activity, and 2) authorize the manager to execute the Letter of Agreement upon receipt. **Motion** by Eggers, seconded by Weidler to allocate the District project assistance funds and to authorize the expenditure as needed, and to authorize the Manager to sign the letter of Agreement for the Project. Motion carried unanimously.

Dakota Water Watch/SDLSA Bacteria Projects - The Manager reviewed progress on these activities with the Board. Jeanne Fromm, District Volunteer Monitoring Coordinator, has held four informational and training

meetings - March 24<sup>th</sup> with the Interlakes Water Quality Committee; March 26<sup>th</sup> with the Lake Pelican Preservation Society; April 7<sup>th</sup> with Lake Herman residents and April 13<sup>th</sup> with Lake Madison residents. Sampling and analyses have begun on the bacteria project, with samples coming from both lake volunteers and District-collected Big Sioux River samples.

The Manager requested that the Board set aside a total of \$3,500 to cover expenses related to water quality monitoring. He expects to allocate \$2,000 of this amount toward support of the Dakota Water Watch Program, and the balance to cover a variety of water quality sampling expenses related to other activities. **Motion** by Todd, seconded by Kassube to allocate \$3,500 in District project assistance funds to cover costs related to water quality sampling. Motion carried unanimously.

### **Adjournment**

There being no further District business, Chairman Dempsey declared the meeting adjourned at 12:30 p.m.

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Doug Feten, Secretary

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

	Mar 07
<b>Ordinary Income/Expense</b>	
<b>Income</b>	
4100 · Tax Rev	
4140 · Current Tax Revenue	6,227.80
4150 · Prior Tax Revenue	1,097.99
4160 · Miscell. Tax Revenue	210.01
<b>Total 4100 · Tax Rev</b>	7,535.80
7010 · Interest Income	2,217.76
<b>Total Income</b>	9,753.56
<b>Gross Profit</b>	9,753.56
<b>Expense</b>	
5400 · CBSRWIP EDWDD Expenditures	
5415 · Water Quality Analysis	147.00
5435 · Outreach I & E	569.26
5440 · Conservation Management Plans	
5441 · RAM Program	24,618.00
5442 · Conservation Easement	5,501.94
<b>Total 5440 · Conservation Management Plans</b>	30,119.94
<b>Total 5400 · CBSRWIP EDWDD Expenditures</b>	30,836.20
5500 · CBSRWIP State Expenditures	
5520 · Travel	
5521 · Gas for project	93.60
5520 · Travel - Other	150.97
<b>Total 5520 · Travel</b>	244.57
5535 · Supplies and Materials	83.40
5540 · Outreach I & E	1,328.33
5560 · Conservation District Expenses	
5561 · CD Staff	276.00
5562 · CD Travel	71.68
<b>Total 5560 · Conservation District Expenses</b>	347.68
5570 · Conservation Management Plans	
5571 · Conservation Easement	22,007.79
5573 · Ag Waste Mng Sys Construction	46,445.13
<b>Total 5570 · Conservation Management Plans</b>	68,452.92
<b>Total 5500 · CBSRWIP State Expenditures</b>	70,456.90
6050 · Vehicle Expense	
6052 · Lease Expense	292.91
6056 · Vehicle Mechanical/Parts	21.20
<b>Total 6050 · Vehicle Expense</b>	314.11
6070 · BOD Travel & Ent	
6072 · BOD Travel	389.75
<b>Total 6070 · BOD Travel &amp; Ent</b>	389.75
6080 · Capital Outlay Items	
6082 · Equipment and Furniture	578.09
6086 · Software	1,157.00
<b>Total 6080 · Capital Outlay Items</b>	1,735.09
6220 · Dues and Subscriptions	132.21
6230 · Election Expense	772.09
6240 · Equipment Rental	
6241 · Copier Lease/Rental	183.05
<b>Total 6240 · Equipment Rental</b>	183.05
6530 · Miscellaneous	90.87

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

	Mar 07
6540 · Maintenance	
6541 · Office Maintenance	275.00
<b>Total 6540 · Maintenance</b>	<b>275.00</b>
6550 · Supplies	
6551 · Office Supplies	663.73
6552 · Garage Supplies	132.90
6553 · EDWDD Project Supplies	73.97
<b>Total 6550 · Supplies</b>	<b>870.60</b>
6560 · Payroll Expenses	
6163 · Payroll Taxes	1,660.43
6561 · Retirement	152.12
6562 · Health Insurance	2,104.44
6564 · Retirement Admin Co. 2	198.84
6560 · Payroll Expenses - Other	6,410.48
<b>Total 6560 · Payroll Expenses</b>	<b>10,526.31</b>
6565 · Payroll Expenses for Board	600.00
6566 · Payroll Expenses Technical	
6570 · Retirement Technical Asst. - Co	676.21
6571 · Technical Asst. Employ. 2 Co.	198.84
6566 · Payroll Expenses Technical - Other	15,623.18
<b>Total 6566 · Payroll Expenses Technical</b>	<b>16,498.23</b>
6610 · Postage and Delivery	500.00
6620 · Printing and Reproduction	7.56
6640 · Professional Fees	25.00
6690 · Rent	
6691 · Office Rent	1,500.00
6692 · Postage Meter	399.36
<b>Total 6690 · Rent</b>	<b>1,899.36</b>
6880 · Telephone	
6881 · Cell Phone	148.03
6882 · Office Phone	335.41
<b>Total 6880 · Telephone</b>	<b>483.44</b>
6900 · Travel & Ent	678.91
6940 · Utilities	
6970 · Trash Removal	51.30
<b>Total 6940 · Utilities</b>	<b>51.30</b>
6980 · Water Quality Expenses	
6981 · WQ Environmental Analysis	14.67
6983 · WQ Miscellaneous	424.00
<b>Total 6980 · Water Quality Expenses</b>	<b>438.67</b>
<b>Total Expense</b>	<b>137,764.65</b>
<b>Net Ordinary Income</b>	<b>-128,011.09</b>
<b>Other Income/Expense</b>	
<b>Other Expense</b>	
8010 · Other Expenses	0.11
8050 · Project Expenditures	
8053 · Educaton Small Grants Prog 03	100.00
<b>Total 8050 · Project Expenditures</b>	<b>100.00</b>
<b>Total Other Expense</b>	<b>100.11</b>
<b>Net Other Income</b>	<b>-100.11</b>
<b>Net Income</b>	<b>-128,111.20</b>