

Black Hawk

Soil & Water Conservation

District Newsletter

February 2009

Past Board Chairman Message



by Bob Hansen

As I take time to assemble this Chairman's Message, there is more on my mind than conservation. By the time this is printed and sent out, we will have put the elections behind us. Our country will have a new president and many new or re-elected officials. The Black Hawk Soil and Water Conservation District will also have newly elected commissioners to serve you. There are three vacancies up for election on the board. I ask that you support your commissioners as they try their best to serve your needs. If you have concerns, please contact any of us or the office staff and we will try our best to answer your questions and concerns. I feel we have a very competent staff willing to serve you as needed.

This year has been one of many challenges. We have endured heavy snows, ice storms, tornados, floods, varied rains, and

now wind storms during harvest. I think we all will be glad to put this year behind us and start anew in 2009. During the harvest, you will have the opportunity to really see first-hand how the weather affected your fields. The flooding and excess rainfall certainly caused tremendous soil erosion and damage to existing waterways and terraces, created gullies, and damaged other protective practices. Now, is when you can really inspect your fields after crop removal, and look towards where conservation practices could be applied to help save our valuable resource. Our staff is here and willing to assist you with your needs. Financial assistance may be available to install or rebuild conservation practices that were damaged or apply new practices that need to be implemented. Please call or come in to see what may best be suited for your individual needs.

This will be my last Chairman's Message as I have decided not to seek re-election for another four year term. My regret is that I did not get involved as a commissioner years earlier. This has been a very positive and learning experience as I have met many fine individuals during my term. I have served on agricultural related boards and church boards for 38 years. I decided that it is time to start letting go of these responsibilities to have more family time and to be able to travel and the grandchildren more frequently. My wife and I are very fortunate that our children live within a day's drive so we can visit them easily. We have found grandchildren to be a blessing. I want to thank you for allowing me to serve as one of your soil commissioners.

Elections Held

Black Hawk Soil and Water Conservation district held their elections on January 2, 2009. The results were as follows:

Sherman Lundy, Chairperson
Jon Mixdorf, Vice-Chairperson
Paula Even, Commissioner
Fred Weber, Commissioner
Jeri Thornsberry, Treasurer
Kathleen Scholl, Assistant Commissioner
Brett Meyers, Assistant Commissioner
Vern Fish, Assistant Commissioner

Current Staff Member:

Shaffer Ridgeway, District Conservationist
Julie Falcon, Soil Conservationist
Elaine Hammer, Soil Conservation Technician
Phillip Schuppert, Watershed Conservationist
Emily Luttrell Narigon, Conservation Program Assistant
Leslie Grundy, State Secretary

Low Interest Loans for Farmers, Livestock Producers, Landowners, Watershed Organizations and Others

Financial support for your water quality project

The Iowa Water Quality Loan Fund is a source of low-cost financing to help landowners address nonpoint source pollution of Iowa streams and lakes. These low-interest loans target practices to reduce sediment and nutrient runoff from agricultural operations.

All projects that are eligible for State Cost Share/IFIP, REAP and EQIP are eligible for a low-interest loan. Examples are terraces, grade stabilization structures, water and sediment control basins, hoop buildings, manure storage structures and prescribed grazing.

Loan applications are accepted at any time during the year, and the approval process is simple, convenient and fast.

An Iowa Water Quality Loan requires no cash up front and can result in significant cost savings, due to the low, 3% interest rate for the life of the loan.

This program is designed to assist and encourage landowners to address nonpoint source pollution of Iowa's streams and lakes. It can finance a project's entire cost, or it can be combined with other funding sources.

What Are The Loan Terms?

Loan amounts start at \$5,000

Terms up to 10 years

Can fund up to 100% of actual costs, no up-front cash required

3% fixed interest for the life of the loan

Applications accepted anytime

Available through the lender of your choice

How To Apply

Talk to your local Soil and Water Conservation District (SWCD) office. If your project is eligible, complete the application form and submit it to your SWCD.

The Natural Resources Conservation Services (NRCS) or another technical service provider will design the project and provide an estimated cost.

When the SWCD approves your application, take a copy to your local lender and apply for a loan. If your lender is not familiar with the loan program, ask them to contact the Iowa Finance Authority (IFA) at 800-432-7230 or visit www.iowasrf.com.

Some Friendly Reminders:

by Elaine Hammer

If you're thinking about tiling this spring, remember to request a wetland determination from the Farm Service Agency (FSA) office as soon as possible BEFORE tiling.

If you just built waterways or terraces last fall and seeding didn't get done, it can be done around late February to late March.

If you're approved for construction work this spring, remember to give our office a call to get on the work list and scheduled for layout and design.

Most importantly, remember to call us or stop in for any questions that you may have.

Environmental Facts

A total of 12, 259 species of plants and animals are known to face a high risk of extinction in the near future, in almost all cases as a result of human activities. This includes 24% (1 in 4) mammal species and 12% (1 in 8) bird species. (World Conservation Union, 2003)

It takes 100 years for nature to create one inch of topsoil. Between five and ten tons of animal life can live in one acre of soil.
<http://www.alabamaaitc.org/soil/soil-facts.htm>

Nearly 97% of the world's water is salt-water or otherwise undrinkable. Another 2% is held in ice caps and glaciers. That leaves just one percent for all of humanity's needs - agricultural, residential, manufacturing, and community needs. (United States Geological Survey)

Black Hawk SWCD prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs and marital or family status. Black Hawk SWCD is an equal opportunity employer.

Dry Run Creek Landowner Watershed Awareness Survey

by Kathleen Scholl

The Soil and Water Conservation District (SWCD) of Black Hawk County would like to thank all landowners who participated in a recent watershed study designed to measure changes in landowners' awareness and opinions regarding water quality and their opinions on pollutants that can negatively affect storm water runoff.

In 2005 and 2008, 556 individual urban, rural and commercial landowners, contractors, and city officials received a survey specific to Dry Run Creek water quality issues. In all, 306 individual landowners responded for a 56% response rate.

Summary of Results

Overall landowner awareness about water quality issues in DRC **increased by 27%** between 2005 and 2008.

76.4% of 2008 landowners agreed or strongly agreed that runoff from paved surfaces affect water quality (+7.8% since 2005).

61.5 % of all landowners agreed or strongly agreed that new construction and development have increased the amount of soil loss in this area (+5% since 2005).

54.7% of all landowners agreed or strongly agreed that septic systems can affect the water quality of DRC (+2.4% since 2005).

Between 2005 and 2008, landowners intensified their belief that **taxpayers** should bear the cost of DRC watershed improvements versus the individual landowner bearing the cost of these improvements.

Landowner Conservation Involvement

Landowners were asked their general "willingness to participate in DRC conservation practices. Matching the 2005 landowner responses to their 2008 responses indicated a slight increase (+10%) in their global willingness to participate in conservation practices. In 2008, 30% of landowners would be willing to volunteer a few hours a month to help reduce DRC pollution problems; 34% of landowners would not.

Interestingly, when respondents indicated their interest in learning about or implementing 17 specific conservation practices that would assist in improving water quality, landowner interest

decreased for all specific practices between 2005 and 2008, yet landowners did indicated adopting the following conservation practices indicating in actual increase from 2005:

A small percentages of practices were adopted during the three year period:

Windbreaks around Dwellings (6.6% of landowners)

Permeable Paving (3.8% of landowners)

Backyard Conservation/Wildlife Habitat Improvement (3% of landowners)

Urban Construction Control (2.7% of landowners)

Inlet Protection for Storm Sewers (2.1% of landowners)

Minimal use of Lawn and Garden Fertilizers and Pesticides (1.6% of landowners)

Native Landscaping/Wildflower Gardens/Rain Gardens (0.7% of landowners)

How long a landowner has lived in the DRC watershed or the type of landowner one might be (urban, rural, commercial, city official, etc) has no association with their opinions on the DRC environmental conditions or the willingness of the landowner to participation in conservation practices. However, there is a strong association with the landowner's environmental beliefs and their concern and willingness to take steps towards improving the water quality within the watershed.

Behaviors are based on values and attitudes. Since we were able to get the information on landowners general beliefs, more information is needed on actual conforming and non-conforming landowner behaviors and the presence of situational and internal factor that make the behavior easy or difficult for the landowner to perform conservation practices that might improve water quality. It is interesting to note that 74% of the 2008 respondents felt that water contamination is an important environmental issue in DRC, up 4% from 2005. For those landowners who held opposing beliefs on the negative effects of storm water pollutants, 26.7% of landowners did not feel that poor water quality in DRC affected economic development in this area of Iowa, and 24.7% of landowners believe that regulations protecting DRC watershed limit their choices and personal freedom. While 44.1% of landowners were unsure of the economic effects of having poor water quality in their local surface waters, the floods of June 2008 hit Iowa three months after the data collection period. Since this record-breaking event, it is anticipated that concerns over water quality in Eastern Iowa will increase in the years to come.

For more information related to this study, please contact Dr. Kathy Scholl at 319-273-6316 or Kathleen.scholl@uni.edu.

Environmental Facts

Water regulates the Earth's temperature. It also regulates the temperature of the human body, carries nutrients and oxygen to cells, cushions joints, and protects organs and tissues. The human brain is 75% water. Human blood is 83% water and bones are 25% water. (American Water Works Association)

At least 1 billion people must walk three hours or more to obtain drinking water. Nearly 2% of U.S. homes have no running water. In Mexico, 15% of the population must haul or carry water. (National Geographic Society)

Upcoming Projects

Phil Schuppert
Watershed Conservationist
Black Hawk SWCD



Hi, my name is Phil Schuppert and I'm the new Watershed Conservationist for the district. I wanted to take the opportunity to introduce myself and the projects we have going on.

As the new Watershed Conservationist for the district, I will be working with landowners to install conservation practices with a focus on improving the condition of Dry Run Creek. Two grants were received to fund the Dry Run Creek Project. The initial grant, provided by the

Watershed Improvement Review Board, an independent panel established by the Iowa Legislature, is coming to an end this winter. Many practices have been implemented throughout the Cedar Falls area in an effort to reduce bacteria levels, erosion, and excessive flows. An extensive monitoring program and several information and education projects have also been funded by this grant. Partnerships with local groups and businesses, including the City of Cedar Falls, the University of Northern Iowa, the Iowa Department of Natural Resources, Hartman Reserve, and Weicher's Construction have enabled us to make the most of this funding.

The second grant, funded by the Environmental Protection Agency's Section 319, the Watershed Protection Fund, and the Water Protection Fund was awarded to the district to continue its work in the Dry Run Creek watershed. We are currently seeking landowners who would be interested in the following practices:

- Soil Quality Restoration
- Raingardens
- Riparian Buffers
- Grassed Waterways
- Native Grass Filterstrips
- Bioretention Cells

Financial incentives through cost-share programs and grant subsidies are available for these practices.

I would also like to take this opportunity to mention our upcoming Stormwater Workshop that we have coming up March 18-19. The workshop will be a two-day event hosted in the CEEE building at UNI. The first day will focus on urban and construction practices and the second will have a rural emphasis. Experts and professionals from local organizations will be presenting and lunch will be served.

For more information about upcoming events, or for questions about the Dry Run Creek Project and available practices, please feel free to contact me by phone or email, or just drop by the office.

Money For Conservation!!!

by Elaine Hammer
NRCS Technician

If you're thinking about building a terrace, planting a windbreak, establishing a new waterway or reshaping an existing one, or other practices, you might be eligible to receive financial assistance in getting these done.

Conservation Reserve Program (CRP) is a federal program that is managed by the Farm Service Agency (FSA). This program provides cost share assistance for new grassed waterways, filter strips along streams or wetlands, wetland restoration, shallow water areas, riparian buffers, shelterbelts, and field windbreaks. CRP also offers additional incentives and an annual payment based on soil types. Eligibility for CRP is determined by the FSA office.

Another federal program is the Environmental Quality Incentives Program (EQIP). This is managed by the Natural Resources Conservation Service (NRCS). Assistance is available for livestock manure management, grazing land management, pest management, soil erosion control, and water quality improvement practices throughout the state. Other practices are available in selected priority areas only.

State cost share funds are available for permanent and management practices to control erosion and reduce sediment such as terraces, waterways, and structures. The local soil and water conservation district (SWCD) sets priorities for funding of these practices. These funds are managed by the Black Hawk Soil and Water Conservation District Board of Commissioners.

Another source of funding through the SWCD office is the Resource Enhancement and Protection (REAP) program. Cost share is available for practices such as farmstead windbreaks, field windbreaks, tree plantings, and timber stand improvement. Technical assistance on these practices is provided by the Department of Natural Resources (DNR) forester and the NRCS staff.

This is just a general description of cost share programs available for various conservation practices. To find out more specific information on any of these, please contact the NRCS/SWCD office at 296-3262.

Environmental Facts

The United States produces and uses a third of the world's paper. Forests in the southeastern US now supply a quarter of the global total. Worldwatch Institute, 2004

Environmental Defense estimates that if the entire US catalog industry switched its publications to just 10 percent recycled content paper, the savings in wood alone would be enough to stretch a 1.8 meter-high fence across the United States seven times. Worldwatch Institute, 2004

Filter Strips

by Emily Luttrell-Narigon

If you want to improve water quality, restore or establish wildlife habitat, reduce sediment flow and other pollutants, then filterstrips are for you!

Goal:

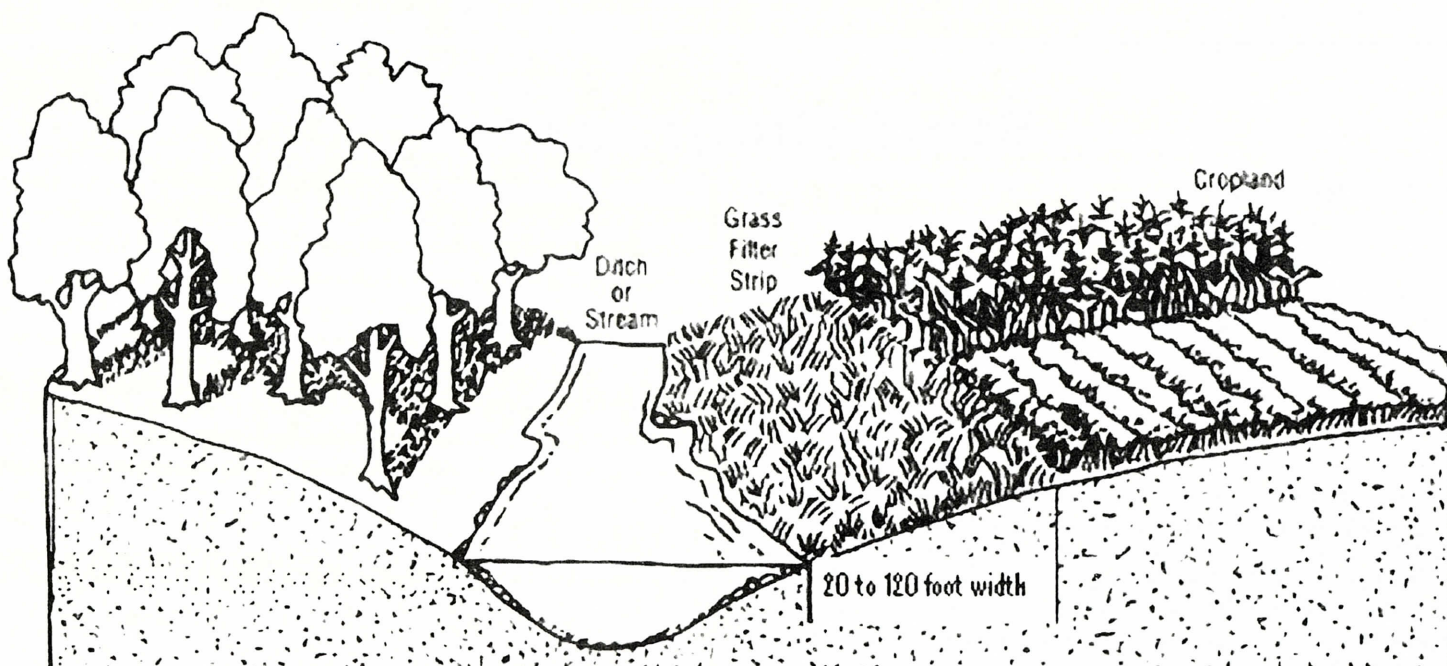
- Filterstrips provide a vegetative buffer between fields and water bodies (streams, lakes, and ponds) to remove nutrients, sediment, organic matter, pesticides, and other pollutants from surface runoff and subsurface flow.
- Filterstrips aid in improving water quality, restoring, creating, or enhancing habitat for wildlife and beneficial insects.
- Filterstrips also maintain or enhance watershed functions and values.

Requirements:

- Located along an intermittent flow of water
- Size of filterstrip must be 20' minimum width up to 120' maximum width
- Sign up for a length of 10-15 years

Funding/Assistance:

- Cost- share assistance is provided by FSA
- Conservation Reserve Program (CRP) has additional sign-up and practice incentives available, and maintenance incentive payments.
- FSA bases annual rental rates on the relative productivity of the soils within each county.



Commissioner Biographies



Sherman Lundy, Chairman; Paula Even, Commissioner; Fred Weber, Commissioner; Jeri Thornsberry, Commissioner; Jon Mixdorf, Co-chairman, not pictured.

Paula Even

Paula Even lives on a small farm east of Gilbertville where she was raised. In addition to their farm, her husband Gene farms his father's farm with family members. They are the parents of five children.

Paula graduated from the University of Northern Iowa with a Master of Science in Environmental Science. The focus of her graduate classes, research, and thesis was water quality. Paula also has an Earth Science B.A. from the University of Northern Iowa. Paula is currently employed as an adjunct instructor for the Earth Science Department at the University of Northern Iowa. She also has been involved with the Geology of Iowa Workshop for Teachers the past six summers.

In her spare time, she enjoys canoeing, bird watching, photography, and traveling.

Geraldine M. "Jeri" Thornsberry

Geraldine M. "Jeri" Thornsberry has over 25 years of experience in a variety of executive roles in Organizational Development, Performance Improvement and International Education and Training.

Jeri formed her own consulting practice, Insights Consulting International, to work with leadership teams to co-create innovative sustainable business strategies by emphasizing organizational learning and knowledge creation. She has worked with a wide range of organizations in the fields of telecommunications, manufacturing, banking and law. She has offered pro bono services to local community groups.

Prior to this, Jeri was with AT&T where her work experience included business development, strategic planning, marketing, international training and development as well as operations/project management. She has extensive practical global business experience in Europe, Asia and Latin America.

Jeri earned a BS magna cum laude in Administrative Sciences from Pepperdine University, Los Angeles, California and a MBA summa cum laude from Golden Gate University, San Francisco, California. She completed the executive education program at INSEAD, the European Institute of Business Administration, in Fontainebleau, France. She is a certified executive/life coach from the Hudson Institute of Santa Barbara.

Coaching Special Olympics athletes brings great joy into Jeri's life and she enjoys writing in her spare time.

Jeri moved back to the Midwest three years ago from Reno, Nevada. She easily began to connect with the community by getting involved in environmental causes, League of Women Voters, American Association of University Women and the Institute for Learning after Fifty. She is committed to becoming a very informed Soil and Water Commissioner as one of her core beliefs is that our natural resources must be protected for future generations.

Staff Biographies

Shaffer Ridgeway

Shaffer Ridgeway is the District Conservationist for Black Hawk County as well as Bremer County. He's been with the agency for 10 years. He originates from Butler, Alabama a small town in southwest Alabama. The son of a farmer, Shaffer has always had an interest in farming and natural resources.

Julie Falcon

Are you looking for answers to your questions on how to improve your resources on the land that you own or rent? As a Soil Conservationist Julie helps people fit the pieces together to understand the resources that they have (soil, water, plants, air and animals) and what government programs are available to help. She has worked in various counties in Iowa with numerous conservation practices to match many soils types. Call the NRCS office for a field appointment if you'd like her to come out and review your resource concerns.

Elaine Hammer

Elaine Hammer is the Conservation Technician in the office and has been with the Natural Resources Conservation Service for 26 years. If you have questions about waterways, terraces, windbreaks, CRP practices, cost share programs or just need to have someone look at a site for recommendations, she will be eager to assist you.

Phil Schuppert

Phil Schuppert is the new watershed conservationist for the district. He grew up locally, and his parents own a small family farm in western Black Hawk County.

Phil graduated from Hudson High School in 2002 and received his bachelor's degree in ecology from Iowa State in 2007. During college Phil worked as a mobile laboratory technician for the Des Moines River Water Quality Network. He also spent a summer at the Iowa Lakeside Laboratory on

SEE BIOGRAPHIES/Page 7

Biographies

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West Lake Okoboji where he worked as a student volunteer for the Cooperative Lakes Area Monitoring Program.

After graduation Phil moved to Madison, Wisconsin where he was employed as a dose formulations technician for a biotech company. He joined the team here at the district last September and has enjoyed his time here very much. So stop in and say hello sometime. Phil looks forward to working with everyone.

Emily Luttrell-Narigon

In 2002, Emily began working with NRCS as a temporary assignment. Then, in January 2005, her employment switched to the Black Hawk SWCD as a technician. Since then, she has continued with Black Hawk SWCD as a technician, conservation program assistant, and an assistant watershed coordinator.

Emily's duties include assisting in surveying projects, working on conservation programs (CRP, IFIP, REAP), soils information, GIS data, watershed assistance, and additional office support. In addition to working with the Black Hawk SWCD, she also teaches at Hawkeye Community College as an adjunct instructor.

Leslie Grundy

Leslie Grundy has been with IDALS for 1½ years as a State Secretary. She really enjoys her job because it offers a lot of variety and no day is the same. If you have any questions regarding different cost share programs, Leslie is one of the people you can contact. Leslie has two children a daughter Tellisa, 11, and a son Tylin, 8 that keeps her busy. Her hobbies are cooking and projects around her home. She looks forward to her future with IDALS.

Leslie was recently appointed by the commissioners to do community education outreach.

Challenges Bring Opportunities

By
James Gillespie
Bureau Chief

Well, what can we say about what happened this past year? Who would have guessed we would have had the weather we all experienced, the damage it caused and how it impacted both rural and urban areas?

We saw record snowfall in parts of northeast Iowa and heavy rainfalls across most of the state all summer. This was the fourth wettest year on record in 135 years of recordkeeping. All but one county was declared a disaster area by either the Governor of Iowa or the President of the United States.

Damages to conservation practices totaled over \$40 million dollars. 2,284,000 acres suffered erosion of 20 tons per acre or more, and there were 636,000 acres of bottomland scouring. Numerous sites suffered infrastructure damage and homes and businesses were flooded. A lot of these SEE OPPORTUNITIES/Page 11

Conservation Accomplishments For 2008

PLANNED APPLIED

Conservation Crop

Rotation.....5,688 Ac5,425 Ac

Mulch Till3,785 Ac.....4,074 Ac

No-Till/Strip Till1,944 Ac2,115 Ac

Nutrient Management4,365 Ac4,159 Ac

Pest Management.....3,886 Ac1,333 Ac

Comprehensive Nutrient

Management Plan (No).....73

Prescribed Grazing.....39 Ac39 Ac

Filter Strips114 Ac

Grassed Waterways31 Ac

Terraces.....3,001 ft

Waste Storage Facility (No).....5

Wetland Wildlife Habitat Management12 Ac

Windbreak/Shelterbelt

Establishment.....1,224 ft

Newsletter Sponsorship

Since the Black Hawk Soil and Water Conservation District is a non profit organization, we are seeking businesses to help offset publication costs. Your contribution will be greatly appreciated and your business will be recognized for your generosity. Please call the office at 296-3262 for further details.

Manure Management: The Simple Facts

by Julie Falcon

Manure has both a nutrient and momentary value; it's not just from the back-end of an animal. Don't discount this resource, it may lower your commercial fertilizer costs but there are items to remember before you use manure for your crops nutrient needs.

To utilize manure to its fullest value, start with an up-to-date soil test. By taking a good soil sample you will then know what the present levels of Phosphorus (P) and Potassium (K) are. If the P and K levels are at high and very high levels (ISU pamphlet 1688) don't apply any extra P or K, use the levels that the crop will remove during the growing season for the rotation.

Determine what the crop nutrients will be needed for the next growing season. Have a realistic yield goal in mind. (There are some soils that are not capable of producing 200 bushel corn yield even with a big nutrient jolt.) Applying only the nutrients needed for that crop year or the nutrients can be applied in one year for a two or even three year crop rotation. The only nutri-

ents that should be applied for multiple years of the rotation are P and K. Nitrogen is water soluble and can be carried away with water before it is utilized by the plants so that is why it is applied in the year it will be used.

To determine the nutrient content of the manure, a sample will need to be taken. ISU pamphlet 1558 explains how and what time of year to take samples. After the sample results are back from the lab, finish the calculations to determine how much manure is applied to the acre

Take the time to understand soil sample tests, yield goals, crop rotation nutrient needs, and crop removal rates. Also knowing how to take manure samples and interpreting those tests to apply the correct amount of manure for the rotation will save money on commercial fertilizers while using a valuable resource at hand.

If you need more information about applying manure, contact this office at 319-296-3262 or ISU Extension at 319-234-6811.

Financial Report

BLACK HAWK SOIL & WATER CONSERVATION DISTRICT REPORT OF REVOLVING FUNDS JULY 1, 2007 – JUNE 30, 2008

REVOLVING FUNDS

RECEIPTS

FY08 Allocation	2060.00
Miscellaneous Deposit (Deposited by previous secretary no description given)	237.32
Reimbursement from 1M	593.41
Ament Conference Registration	100.00
Postage Reimbursement	135.75
Creative Impact Donation	175.00
Contributors Club	450.00
Flag Purchases	30.00
Reimbursement for mailing of soil survey	28.95
Deposit for annual banquet	170.00

TOTAL RECEIPTS3980.43

EXPENDITURES

Fayette Regional Meeting	20.00
Advertising, Waterloo Courier	177.42
RC&D Dues	100.00
Postage	135.75
Ben Meadows, Flag Purchase	194.36
Ragbrai signs	220.00
Transfer to 1M to cover newsletter	2010.00
1M, Staples, office supplies	17.99
Check Order	13.00
Banquet, Biemanns Chuck Wagon	348.81
Wal-Mart, Office Supplies	61.39

TOTAL RECEIPTS3298.72

BEGINNING BALANCE JULY 1, 2007.....1210.00
RECEIPTS3980.43
DIVIDENDS.....23.54
TOTAL RECEIPTS5213.97
LESS TOTAL EXPENDITURES3298.72

BALANCE JUNE 30, 2008.....1915.25

BLACK HAWK SOIL & WATER CONSERVATION DISTRICT REPORT OF ANNUAL USE OF 1M FUNDS JULY 1, 2007 – JUNE 30, 2008

1M ACCOUNT

RECEIPTS

FY 07 Allocation	2124.81
Deposit from Revolving Fund to cover newsletter expenses	2010.00
From revolving fund for staples office supplies	17.99

TOTAL RECEIPTS4152.80

EXPENDITURES

Deposited to revolving fund, expense taken out of wrong account	545.47
Reimbursed to revolving fund for regional conference	20.00
Iowa Show Production Fee	110.00
NACD membership fee	100.00
Sandeas, notary stamp	19.00
CMRS PB, postage meter fee	125.00

CDI dues	725.00
Post office, mailing of newsletters	501.63
Post office, annual postage fee	175.00
Creative Impact, printing newsletter	1738.20
Creative Impact, envelopes	94.07
Check order	13.00
Land of Legacy mailing	136.76
Staples, paper for banquet	35.98
Sandeels, signature stamp	21.00
Sandeels, SWCD banner	113.25
Sandeels, plaques for banquet	44.00
Bremer SWCD regional registration fees	33.00
Staples, office supplies	70.30
Walmart, office supplies	24.08
Reimbursement to revolving fund	27.94

TOTAL EXPENDITURES4672.68

BEGINNING BALANCE JULY 1, 2007.....551.17

RECEIPTS4152.80

DIVIDENDS.....4.69

TOTAL RECEIPTS4690.67

LESS TOTAL EXPENDITURES4672.68

BALANCE JUNE 30, 2008.....17.99

**BLACK HAWK SOIL & WATER
CONSERVATION DISTRICT
REPORT OF ANNUAL USE OF TECHNICAL FUNDS
JULY 1, 2007 – JUNE 30, 2008**

TECHNICAL ASSISTANCE

RECEIPTS

FY09 Allocation	20366.67
Reimbursement from Upper Miller for taxes	2231.61
Reimbursement from Dry Run for taxes	8251.39
Postage Meter Refund	40.00

TOTAL RECEIPTS30889.67

EXPENDITURES

Emily Luttrell-Narigon Payroll	3441.25
Veridian 941 Payment	2964.73
Reimbursement to Dry Run for taxes	106.92
Reimbursement to Upper Miller Creek for taxes	11.81
Veridian check order	13.00
IPERS, interest on late contribution	10.00
Payroll taxes	2723.62
Iowa withholding tax	353.00
Iowa Workforce Development Tax	291.01
Unemployment Tax	110.47
Treasurer Tax	3090.50
IPERS	1325.05

TOTAL EXPENDITURES14441.36

BEGINNING BALANCE JULY 1, 2007.....66.13

RECEIPTS30889.67

DIVIDENDS.....70.73

TOTAL RECEIPTS31026.53

LESS TOTAL EXPENDITURES14441.36

BALANCE JUNE 30, 2008.....16585.17

BLACK HAWK SOIL & WATER CONSERVATION DISTRICT

**REPORT OF UPPER MILLER CREEK FUNDS
JULY 1, 2007 – JUNE 30, 2008**

UPPER MILLER CREEK

RECEIPTS

FY 07 Allocation	25200
Transfer from 319 grant, reimbursement for Craig Thede's salary	1852.45

TOTAL RECEIPTS27052.45

EXPENDITURES

Craig Thede's Salary	3506.72
Emily Luttrell-Narigon's Salary	4102.99
Postage	16.40
Black Eagle Farms roadside buffer payment	904.20
William Youngblut roadside buffer payment	101.25
Henry Shephard roadside buffer payment	205.50
Youngblut Farmland roadside buffer payment	287.70
Dry Run Creek, IPERS payment reimbursement	131.84
Dry Run Creek, unemployment tax reimbursement	14.58
Technical Assistance tax reimbursement	2231.61
Dry Run Creek salary reimbursement	14309.81
Veridian check order	13.00

TOTAL EXPENDITURES25825.60

BEGINNING BALANCE JULY 1, 2007.....16530.19

RECEIPTS27052.45

DIVIDENDS.....105.70

TOTAL RECEIPTS43688.34

LESS TOTAL EXPENDITURES25825.60

BALANCE JUNE 30, 2008.....17862.74

**BLACK HAWK SOIL & WATER
CONSERVATION DISTRICT
REPORT OF ANNUAL USE OF DRY RUN CREEK FUNDS
JULY 1, 2007 – JUNE 30, 2008**

DRY RUN CREEK

RECEIPTS

IOWATER Conference registration	3788.00
Transfer from savings account	49991.54
Reimbursement from technical assistance, IPERS tax payment	106.81
Reimbursement from technical assistance, unemployment tax	11.81
Reimbursement from Upper Miller, IPERS tax payment	131.84

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Reimbursement from Upper Miller, unemployment tax14.58
 Upper Miller Creek, Rebecca Kauten's salary14309.81

TOTAL RECEIPTS68344.08

EXPENDITURES

Rebecca Kauten's Payroll.....29139.05
 Rebecca Kauten's Mileage Reimbursement.....2273.09
 Rebecca Kauten reimbursement for purchase of jars8.24
 Rebecca Kauten reimbursement
 for supplies from Ben Meadows757.10
 Rebecca Kauten reimbursement for
 IOWATER conference expenses.....1162.49
 Hygienic Laboratory.....12531.00
 GKY & Associates, testing kits700.00
 KWWL, DVD.....40.00
 Suntree Technologies, skimmer box1210.00
 John & Susan Hines, rain garden.....622.61
 Neenah NF, frame, grate.....837.00
 DG Supplies Inc84.34
 Registration for Rebecca Kauten, UNI roadside program100
 Government Acquisitions, Leslie's computer1043.81
 Meadows Home Association stormwater cost share.....1020.19
 Veridian check order.....13.00
 Global Water Institute, flow sampling system3316.50
 Fed Ex.....34.91
 Black Hawk County Treasurers office, dry run survey labels ..6.20
 Kathleen Scholl, dry run creek surveys1500.00
 University of Northern Iowa, bank stabilization.....35000.00
 Campbell Scientific Equipment.....9765.00
 Wal-Mart, paper.....32.07
 CMRS PB, postage meter.....85.00
 Vizability LLC.....5578.26
 Postmaster.....68.09
 Benjamin Courier services39.00
 Resource Professional Alliance, training services2724.00
 Ben Meadows handles.....65.36
 Transfer to technical assistance for tax payment
 reimbursement8251.39
 IPERS1256.10
 Iowa Workforce Development, unemployment taxes138.87
 US Treasury taxes.....878.59
 Treasurer State of Iowa taxes236.00
 Transfer to savings to balance account16.23

TOTAL EXPENDITURES120533.49

BEGINNING BALANCE JULY 1, 2007.....57220.34

RECEIPTS68344.39

DIVIDENDS.....165.52

TOTAL RECEIPTS125719.94

LESS TOTAL EXPENDITURES120533.49

BALANCE JUNE 30, 2008.....5186.48

**BLACK HAWK SOIL & WATER CONSERVATION
 DISTRICT
 REPORT OF ANNUAL USE OF DRY RUN CREEK
 SAVINGS FUNDS
 JULY 1, 2007 – JUNE 30, 2008**

DRY RUN CREEK SAVINGS

RECEIPTS

Deposit of CD 3 MO CD51360.15
 Deposit of 6 MO CD53001.66

TOTAL RECEIPTS104361.81

EXPENDITURES

Transfer to Dry Run Creek Checking49991.54

BEGINNING BALANCE104361.81

DIVIDENDS.....414.70

TOTAL RECEIPTS104776.51

TOTAL LESS EXPENDITURES49991.54

BALANCE JUNE 30, 2008.....54784.97

**BLACK HAWK SOIL & WATER CONSERVATION
 DISTRICT
 REPORT OF 319 GRANT FUNDS
 JULY 1, 2007 – JUNE 30, 2008**

319 GRANT

RECEIPTS

FY07 Allocation3700.00

TOTAL RECEIPTS3700.00

EXPENDITURES

Reimbursement to Upper Miller Creek
 for Craig Thede's Salary1852.45

TOTAL EXPENDITURES1852.45

BEGINNING BALANCE JULY 1, 2007.....3700.00

LESS TOTAL EXPENDITURES1852.45

BALANCE JUNE 30, 2008.....1847.55

Environmental Facts

The 250 million U.S. residents living today have access to about the same amount of water as U.S. residents did 200 years ago, when the population was four million. (National Drinking Water Alliance)

The average American home contains more synthetic chemicals today than the average chemical plant of 100 years ago. (Windstar Foundation)

Opportunities

Continued from page 7

damages are still out there and are in need of financial and technical resources to help repair and restore.

As a community, rural and urban, we need to think about our actions and their consequences. The Iowa Department of Agriculture and Land Stewardship, and our conservation partners are committed to building a "Culture of Conservation" across the state. We all need to consider our "footprint" on the Iowa landscape. Evaluate the land use for current and future needs and wants. There is a reason a floodplain is called a floodplain; it is prone to flooding. We must all manage the land as consistently as possible to its natural capabilities. We cannot

expect the land to produce more than it is reasonably able to nor should it be used in ways that do not maintain soil quality and provide conservation benefits. Consider your "hydrologic footprint"; what happens to the rainfall that lands on your property? We should try to absorb as much as possible to slow runoff to minimize flooding and improve water quality.

Contact your local soil and water conservation district to discuss these challenges and take advantage of opportunities to reduce these types of resource concerns in the future. Iowans have taken great pride in protecting the resources of this state. Let us continue to build a "Culture of Conservation" that will sustain us in the future. Thank you for what you do and what you can do!

Households turn on water faucets an average of 70 times daily. It is estimated that up to 50% of the water families use could be saved by implementing simple conservation methods. (National Drinking Water Alliance)

Environmental Facts

One inch of rain falling on one acre of land is equal to about 27,154 gallons of water.

(United States Geological Survey)

The Black Hawk Soil & Water Conservation District helps you and your neighbors conserve our most valuable natural resources – our soil and water. We believe that promoting soil and water conservation is everyone's job and we invite you to help. Although outside funding is received for certain urban and rural programs under our purview, there are several projects and activities performed by the office staff and District Commissioners that we must rely on local contributions to fund. Examples of these include conservation materials for schools, local conservation awards, the district newsletter, and conservation field days. Listed below are the 2006 contributors for which we are very thankful, and hope these individuals and businesses, along with others, will continue to support our efforts in 2007. Beginning this year, to further show our appreciation to those contributing, a certificate will be issued to those contributing at the *Sponsorship*, *Stewardship* and *Conservationist* levels (\$25 or more). **PLEASE CONSIDER A TAX DEDUCTIBLE DONATION TO HELP OUR LOCAL CONSERVATION EFFORTS.**

Paula Even, Commissioner

Sherman Lundy, Chairman

Jeri Thornsberry, Commissioner

Jon Mixdorf, Vice Chairman

Fred Weber, Commissioner

I want to support the ***Black Hawk Soil & Water Conservation District***. I have enclosed a check to join the ***2007 Contributor's Club*** at the following membership level:

- ☐ ***Sponsorship*** Level (\$25 - \$49)
☐ ***Stewardship*** Level (\$50 - \$74)
☐ ***Conservationist*** Level (\$75 & above)
☐ Other amount \$ _____

Name(s) _____ Phone _____

Address _____ City _____ State _____

E-Mail _____

Make checks payable to the: Black Hawk SWCD
2950 Southland Dr, Suite 2
Waterloo, IA 50701

Black Hawk SWCD Commissioners:

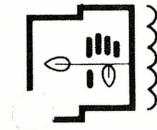
Sherman Lundy, Chairperson
Jon Mixdorf, Vice-Chairperson
Paula Even, Commissioner
Fred Weber, Commissioner
Jeri Thornsberry, Treasurer

Assistant Commissioners:

Kathleen Scholl, Assistant Commissioner
Brett Meyers, Assistant Commissioner
Vern Fish, Assistant Commissioner

Current Staff Member:

Shaffer Ridgeway, District Conservationist
Julie Falcon, Soil Conservationist
Elaine Hammer, Soil Conservation Technician
Phillip Schuppert, Watershed Conservationist
Emily Luttrell Narigon, Conservation Program Assistant
Leslie Grundy, State Secretary



Black Hawk Soil & Water Conservation District
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