



2006 Annual Report

Story Soil & Water Conservation District (SWCD)

This report has been prepared by the Story County Soil and Water District Commissioners for your information. We are very pleased with the conservation progress in the county over the past 59 years. We also realize our work would be impossible without the cooperation of the people of Story County.

We want to thank all the residents of the county for their efforts on behalf of soil and water conservation and we welcome your input to continue this good work.

If you have resource issues, please contact our office at 515-382-2217 in Nevada, Iowa.

Ongoing Story SWCD Activities

Urban Resources and Boarderland Alliance Network

Jennifer Welch

Urban Environmental Conservationist

Urban BMPs to protect Iowa's Water Quality

The urban landscape is partially covered with impervious surfaces such as roadways, parking lots, rooftops, and compacted soils. Pollutants accumulate on impervious and compacted urban surfaces between rainfall events. Rains wash pollutants directly into rivers, and lakes through storm drains without treatment. These pollutants negatively impact aquatic life and our waterways.

As communities grow, they often experience more storm water runoff problems. Adding impervious areas decreases the amount of rainwater that can naturally infiltrate into the soil. This increases the amount and speed of storm water runoff.

In most urban landscapes impervious surfaces discharge runoff into the storm drain system. One approach to water quality protection is to eliminate directly connected impervious areas

and route runoff onto pervious surfaces. Many best management practices (BMPs) can infiltrate runoff from small rainfall events on-site. The BMPs are similar to practices used in agricultural areas to protect natural resources.

Rain Gardens and Bioretention Areas are the workhorses of infiltration-based storm water management. Bioretention involves the design of sites with landscaped areas to create storage for runoff. Runoff from parking lots, streets, or rooftops is directed to these shallow depressions where it is infiltrated.

Bioswales are vegetated drainage ways that provide conveyance and treatment of runoff. Bioswales infiltrate runoff from small rains and provide vegetative filtering of runoff from large storms. Developments that maintain and utilize the "green infrastructure" of natural drainage ways can often reduce the cost of installing storm sewers and also provide water quality benefits.

Soil quality restoration is an important water storage and infiltration-based practice. Restoration involves deep tillage to reduce compaction and re-create pore space. Amend soils with compost to increase organic matter content. Landscapes with good soil quality have the ability to absorb, infiltrate, and store water.

Native landscaping is beautiful and can be used strategically to help restore and maintain soil quality. The deep root system of native prairie plants increase organic matter content and help increase pore space in the soil profile.

ARBOR DAY TREE GIVEAWAY

The Story SWCD gave 750 Nanking Cherry shrubs to 3rd and 4th grade school children in the Ballard, Collins-Maxwell, Colo-NESCO, Roland-Story and Nevada School Districts to celebrate Arbor Day.

**FINANCIAL REPORT
JULY 1, 2005 – JUNE 30, 2006**

These funds plus secretary assistance are provided by the State of Iowa and allocated to the District by the Iowa Department of Agriculture and Land Stewardship.

DISTRICT OPERATIONS

Total Allocation	\$ 2,000.00
Commissioners Expense	\$ 1,186.72
Office Expense	\$ 75.78
Dues Paid	\$ 737.50
Total Funds Spent	\$ 2,000.00

'02-'03 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 9,261.00
Spent	\$ 6,922.68
Recalled by state	\$ 2,338.32

'03-'04 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 15,523.00
Spent	\$ 12,630.11
Obligated	\$ 2,633.87
Recalled by state	\$ 259.02

'04-'05 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 15,523.00
Spent	\$ 5,477.37
Obligated	\$ 10,045.63

'05-'06 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 15,523.00
Spent	\$ 5,854.63
Obligated	\$ 2,660.63
Balance	\$ 7,007.74

REAP Practices	\$ 1,074.75
REAP Forestry	\$ 826.85
Local Water Protection	\$ 11,256.00
CRP incentives	\$ 170.00

COUNTY BUDGET

Provided by the Story County Supervisors

05-06 Allocation	\$ 5,000.00
Funds spent in 2006	\$ 3,937.50

DISTRICT ACCOUNTS

District checking & savings 7/1/05	\$ 31,968.94
Deposits	\$ 76,525.86
Disbursements	\$ 83,371.40
Balance	\$ 25,123.40

DISTRICT FIELD OFFICE STAFF

Aaron Musselman	District Conservationist
Robert Lawson	Soil Conservationist
Cris Birks	Soil Conservation Technician
Dan Sorem	Program Specialist
Don Cunningham	Buffer Specialist
Claudia Dalbey	State Secretary

ACCOMPLISHMENTS IN FY 2006

Practices Applied with SWCD Assistance
(July 1, 2005– June 30, 2006)

Conservation Systems Planned.....	20,861 Ac.
Conservation Systems Applied.....	12,706 Ac.
Nutrient Management Planned.....	10,408 Ac.
Nutrient Management Applied.....	1,346 Ac.
Pest Management Systems Planned.....	7,336 Ac.
Pest Management Systems Applied.....	352 Ac.
Pasture Planting.....	308 Ac.
Total Residue Management.....	9,994 Ac.
Total Wildlife Habitat.....	780 Ac.
Terraces.....	4,243 Ft.

Conservation Buffers

Grassed Waterways.....	37 Ac.
Windbreak/Shelterbelt Establishment.....	850 Ft.
Grass Filter Strips	132 Ac.
Riparian Forest Buffers.....	61 Ac.
Conservation Cover.....	332 Ac.

COMMISSIONERS

Erwin Klaas, Chairman	Franklin Township
Jerry Radke, Vice Chair	Nevada Township
David Obrecht	Sherman Township
Marilyn Loupee	Washington Township
Dave Van Waus	New Albany Township

ASSISTANT COMMISSIONERS

Mimi Wagner	Franklin Township
Gene Flynn	Nevada Township

The Story County Soil and Water Conservation District (Story SWCD) meets the first Tuesday of each month at 9:00 a.m. at the USDA Service Center.

These meetings are open to the public. If you have conservation concerns and would like to be placed on the agenda, please contact the office prior to the meeting.

**Check us out online at
www.story-swcd.org**

The Mission Of The Story Soil And Water Conservation District Is To Promote Soil Conservation And Water Quality To Landowners, Operators, And Residents Of Story County By Providing Technical Information And Financial Assistance.