



2003 Annual Report

Story Soil & Water Conservation District (SWCD)

Ada Hayden Heritage Park Watershed Project

The Ada Hayden Heritage Park (aka Hallett's Quarry) is situated on the eastern edge of a 2456-acre watershed located along the Northern city limits of Ames, Iowa. The quarry serves as the secondary water supply for the city of Ames during times of low-flow in the Skunk River. Water quality in Ada Hayden/Hallett's Quarry is effected by both Urban and Rural factors that consist of nutrient loading, sedimentation, and possible pollution from everyday human activity. This type of pollution is termed as non-point source. This means that the sources of pollution are not readily identifiable and are spread out within the watershed.

The Story County Soil and Water Conservation District applied for and received an Environmental Protection Agency Section 319 Clean Water Act watershed grant in April of 2002 to address non-point sources of pollution. The funds that this grant contained are broken down into a technical and an informational/educational concept. The technical portions of the funds are used as incentives for farm producers to practice nutrient management and install waterways, sediment control basins, and grade stabilization structures. These practices will help reduce soil erosion and deposition as well as improve the water quality into Ada Hayden Park. The information and education component will focus on public education about water management, runoff and non-point source pollutants.

The two year project is dedicated to preserving and improving the water quality of Ada Hayden Park. The district will work with a variety of partners to educate the urban portion of the watershed through field days as well as build partnerships with the area schools. The rural portion of the watershed will receive upland treatment measures by working with landowners that have critical areas on their property.

Ongoing Story SWCD Activities

Urban Resources and Boarderland Alliance Network



Jennifer Welch
Urban Environmental Conservationist

A collaboration of soil and water conservation districts in central Iowa formed the Urban Resource & Borderland Alliance Network (URBAN) to address issues related to our area's water quality. URBAN is promoting innovative stormwater management practices, erosion control and new urban design concepts.

URBAN is offering positive solutions for reducing soil loss—letting people know about relatively easy techniques for handling stormwater runoff and soil loss from construction sites.

Commissioner Klaas serves as chair of URBAN's Coordinating Committee.

SQUAW CREEK WATERSHED COUNCIL

The group was formed to provide leadership in protecting and improving the environmental health of Squaw Creek Watershed by facilitating cooperative involvement of urban and rural residents in raising public awareness and promoting educational programs and targeted actions. Erv Klaas, SWCD Commissioner, is the Iowater Monitoring Coordinator.

ARBOR DAY TREE GIVEAWAY

The Story SWCD gave 800 Redbud trees to 3rd and 4th grade school children in the Ballard, Collins-Maxwell, Colo-NESCO, Roland-Story and Nevada School Districts to celebrate Arbor Day.

SOIL STEWARDSHIP WEEK

801 pieces of Soil Stewardship material were given to churches in the county in celebration of Soil Stewardship Week.

FINANCIAL REPORT JULY 1, 2002 – JUNE 30, 2003

1M BUDGET (Operating Fund)

Total Allocation	\$ 1,905.00
Commissioners Expense	\$ 729.68
Office Expense	\$ 462.82
Dues Paid	\$ 712.50
Total Funds Spent	\$ 1,905.00

'00-'01 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 23,816.00
Spent	\$ 5,101.50
Recalled by state	\$ 18,714.50

'01-'02 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 23,814.00
Spent	\$ 23,138.17
Recalled by state	\$ 675.83

'02-'03 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 9,261.00
Spent	\$ 4,823.93
Obligated	\$ 2,608.13
Recalled by state	\$ 1,828.94

'03-'04 IOWA FINANCIAL INCENTIVE PROGRAM

Total Allocation	\$ 15,523.00
Spent	\$ 2,584.80
Obligated	\$ 3,536.50
Not Obligated	\$ 9,401.70

REAP – PRACTICES '02

Total Allocation	\$ 5,259.21
Spent or Obligated	\$ 3,270.00
Remaining	\$ 1,989.21

REAP – FORESTRY '02

Total Allocation	\$ 750.00
Spent or Obligated	\$ 750.00
Remaining	\$ 0

COUNTY BUDGET

99-00 Funds Spent	\$ 345.78
00-01 Funds Spent	\$ 2,716.69
01-02 Funds Spent	\$ 5,000.00
02-03 Allocation	\$ 5,000.00
02-03 Funds Spent	\$ 2,643.95
Total Funds Spent in 2003	\$ 10,706.42

STATE & LOCAL PHEASANTS FOREVER

Total Allocation	\$ 4,000.00
Spent	\$ 4,000.00

DISTRICT FIELD OFFICE STAFF

Aaron Musselman	District Conservationist
Cris Birks	Soil Conservation Technician
Lou Coronos	Soil Conservation Technician
Sean McCoy	Environmental Specialist
Robert Lawson	District Employee
Claudia Dalbey	State Secretary

ACCOMPLISHMENTS IN FY 2003

Practices Applied with SWCD Assistance
(July 1, 2002 – June 30, 2003)

Acres with Reduced Soil Loss.....	1,541
Tons of Farmland Soil Saved.....	5,517
Conservation Systems Planned.....	13,630 Ac.
Conservation Systems Applied.....	5,165 Ac.
Total Nutrient Management.....	3,531 Ac.
Pest Management Systems Applied.....	2,182 Ac.
Prescribed Grazing Applied.....	39 Ac.
Total Residue Management.....	714 Ac.
Forest Stand Improvement.....	16 Ac.
Total Wildlife Habitat.....	3,103 Ac.

Conservation Buffers

Grassed Waterways.....	30 Ac.
Tree Planting.....	4 Ac.
Windbreak/Shelterbelt Establishment.....	4199 Ft.
Grass Filter Strips	462 Ac.
Total Wetlands Created or Restored.....	131 Ac.
Riparian Forest Buffers.....	46 Ac.
Field Borders.....	7480 Ft.
Total Conservation Buffers.....	549 Ac.

MEET THE COMMISSIONERS



*Back Row Left to Right: Aaron Musselman, David Obrecht, Jerry Radke and Claudia Dalbey
Front Row Left to Right: Eldon Boswell, Erwin Klaas and Marilyn Loupee*

**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.