

STORY COUNTY



REAP

RESOURCE ENHANCEMENT AND PROTECTION PLAN

Story County REAP Executive Committee
Mike Meetz, Chair
Dave Van Waus, Vice Chair
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MISSION STATEMENT

The mission of the Story County Resource Enhancement and Protection program is to enhance the quality of life for all citizens of and visitors to Story County by wisely managing our natural and historic resources, providing recreational and leisure opportunities, and by educating the public to be conscientious caretakers of our natural environment.

FIVE-YEAR PROGRAM PLAN

Introduction

The history of Iowa in the last 150 years is one that has seen dramatic changes in the natural resources of the state: 98 percent of the wetlands present in 1833 have been drained; over 85 percent of the original 7 million acres of forest have been cut; over 99 percent of the prairie acres that once covered 85 percent of the state have now been converted to other uses. Those changes have brought us the most productive agricultural system the world has ever seen, but almost all of those changes took place without a plan.

It is only now, in retrospect, that we can assess the benefits and the drawbacks of our past actions regarding natural resources.

The passage of the Resource Enhancement and Protection Act of 1989 provided an unparalleled opportunity for Iowa counties to make a concerted effort to plan for future usage and protection of natural and historic resources. Story County is pleased to take an active role in that effort. The plan that follows is an attempt to build on the resources we now have by enhancing their utility to both human and non-human users and to restore, in part, those that we may have lost. As humans seldom give perfect visions of the future, we expect to adapt and change this plan during its implementation period as new and better information, techniques, and opportunities arise.

Background

Story County established its REAP Committee in October 1989. The committee consisted of 55 representatives from cities and towns, school districts, conservation groups, the conservation board, farm groups, and other recognized wildlife, environmental, historical and recreation groups.

The county is not completely new to resource planning. Previous efforts include, but are not limited to: the 1972 Recreational Open Space Survey (ROSS) Plan for the Central Iowa Regional Association of Governments; a 1973-75 analysis of the landscape features, geology, soils, vegetation, and wildlife; the 1979 Skunk River Greenbelt Conservation District Zone Plan; the Soil Survey Update of 1984; the Story County Parks, Open Space and Recreation Plan of 1989; the 1994 County Planning and Zoning update; the City of Ames Natural Areas Inventory Project, which was completed in 1994; the Story County GAP Analysis of 2001, and Story County's 2006 Land Development Regulations (combines the land use plan and zoning regulation).

Inventory

Story County covers 527 square miles, or 368,640 acres. The topography is a legacy created by the most recent glacial period of 10,000 to 12,000 years ago. It left behind a topography that was flat to gently rolling, punctuated by numerous prairie potholes, wetlands, and dissected by the drainage patterns of several streams and the Skunk River. As the glacier withdrew to the north and tall grasslands became established, they brought Story County its most predominant natural asset--prime agricultural land. Lands that are being cultivated are located primarily on the rich uplands and on the wide, riparian flood

plains. Steep lands are generally restricted to areas adjacent to stream and river valleys.

Farm Service Administration (FSA) records for the 2006 crop year indicated that 77% of Story County land (284,522 acres) was planted to corn and soybeans. An additional 1.5% (5527 acres) was in legume forage and about 1% (3799 acres) was in grass forage. Nearly 2% of the land was enrolled in the Conservation Reserve (CRP - 6788 acres) and Wetland Reserve (WRP - 40 acres). The remaining 18.5% (68,198 acres) is devoted largely to communities and roads, with towns along the I-35 growth corridor, in particular, continuing to annex major areas of farm land for industrial, commercial, and residential expansion. Cities annexed 2778 acres between 1999 and 2006. Minor crops like Christmas trees, orchards, grapes, tree nurseries, and truck gardens have increased slightly since 2000, but still comprise only a fraction of a percent of the county's land. Acreage of farm buildings, lots, and yards continues to decline, while rural residential (non-farm) lots and acreages had increased to 9100 acres by 2007. Less than 1000 acres of somewhat ecologically intact pre-European settlement vegetation is present, primarily as creek bottom woodland, wetland, and some prairie remnants. Although over 30,000 acres is wooded, diversity in most of it has been negatively impacted by over a century of heavy grazing. Much of that is undergoing understory succession again as grazing of woodland continues to decline as an agricultural practice.

As in most counties, wildlife habitat varies in both quantity and quality. High quality habitat is located in old fields with pioneer vegetation and long riparian areas and associated woodlands. Medium quality habitat is available along road and highway right-of-ways, pastures, and some residential areas. Areas of commercial, industrial, high-density residential and paved recreational usage are of little use to most native wildlife species. Cultivated land, about 82% percent of the county, is generally of low quality for wildlife; however, its presence enhances the quality of nearby habitat areas by providing food. Fish habitat is located primarily on human-made ponds and lakes and along stretches of the Skunk River. The unpredictability of consistent rain in central Iowa coupled with changes caused by widespread drainage results in intermittent flow of most streams and reduces their value as fish habitat.

The 2000 census reported a population of 79,981 for Story County. Projections of the Iowa Department of Economic Development continue to show accelerated population growth for the central Iowa area that includes Story County. The county claimed around 81,000 people in 2006. If we are to maintain a high quality natural environment, it is essential that we protect the existing natural areas, enhance those already under protection, and seek to acquire additional natural areas. Nearly 6,000 acres are under public ownership and management, and an additional 6,000 acres have been added under the Integrated Roadside Management program. More public recreational acres will be added under this plan, and protection of more conservation district zones is recommended. This additional acreage will more adequately serve the diverse needs of the public by providing more areas for the varied needs of the population of Story County and those from other locations that use these facilities.

Mission

The Story County REAP Committee and its constituent groups state that:

"The mission of the Story County Resource Enhance and Protection Program is to enhance the quality of life for all citizens of and visitors to Story County by wisely managing our natural and historic resources, providing recreational and leisure opportunities, and by educating the public to be conscientious caretakers of our natural environment."

Goals and Implementation Plans

The following goals (in bold) are intended to implement our mission. Following each goal are examples of projects that may be submitted for funding.

The maps (see Appendix 1) summarize this plan visually. They give the reader an idea of the greenbelts, public parks and recreational areas, conservation districts, historic sites, and trails that are in existence and planned in Story County. The maps also include trails and other features that are relevant to natural resource protection but not specifically to REAP. Some trails, for example, are being developed under funding from the Department of Transportation's Trails Program. The County REAP Committee feels it is important to present the total picture of resource management in Story County.

1. Protect and enhance riparian greenbelts throughout Story County to create connected corridors of quality open spaces.

- a. Develop an Indian Creek Greenbelt, including a biking/hiking trail for non-motorized traffic, from northwest Nevada to the southern city limit of Nevada south of Highway 30, and an extension of trail to the Indian Creek County Club south of Nevada along 11th St. to connect with the existing trail system in the city's SCORE Park. (City of Nevada).
- b. Extend the Indian Creek Greenbelt and trail from Nevada to Maxwell along West Indian Creek and to Hickory Grove Park along East Indian Creek. (Cities of Nevada and Maxwell, Story County Conservation Board (SCCB), and others.)
- c. Improve city parks by reshaping creek beds to reduce soil erosion and planting trees and shrubs to provide habitat for birds and butterflies, as well as creating outdoor learning areas for the local elementary schools.
- d. Expand and enhance the existing Skunk River Greenbelt, including floodplain and upland timber. (SCCB)
- e. Further develop public use areas, road access, forest habitat and fishery in the popular 200-acre Peterson Pits Park. (SCCB)
- f. Increase and improve roadside management to enable greater use and production of locally collected seed sources. (SCCB)
- g. Expand and enhance public access to the Skunk River, Squaw Creek, and Indian Creek Greenbelts across Story County.
- h. Expand conservation district zones or acquisition of development rights to protect other small greenbelt and watershed areas within the county and in communities.

2. Protect and enhance right-of-ways along existing transportation routes including railroads, primary roads, and secondary roads, especially those that link isolated

- a. Build a bike/walking path which would connect the east and west parts of Story City along the entrance corridor to the city. (City of Story City)
- b. Develop an inner city trail for non-motorized vehicles linking the Slater city parks in a 1.5-mile loop. (City of Slater)
- c. Complete the 32-mile, 412-acre abandoned railway into the Heart of Iowa Trail for conservation, education, and recreation. (SCCB, cities of Collins, Maxwell, Cambridge, Huxley, and Slater)
- d. Continue to expand wildlife habitat improvement work along secondary roads utilizing local ecotype seed sources in the county. (SCCB)
- e. Surface the 10.5 miles of the Praeri Rail Trail for bicycles and walking. (SCCB, cities of Roland, McCallsburg, and Zearing)
- f. Acquire future railroad abandonments to expand Story County's trail network and protect their value as wildlife travel corridors. (SCCB and others)
- g. Provide for non-motorized transportation within the county. This may take the form of traffic lanes wide enough to accommodate both motor vehicles and non-motorized vehicles or separate lanes parallel to the existing roadway or not. These are necessary for commuting by students within school districts and by workers commuting to places of employment in nearby communities. Examples would be widened traffic lanes between cities such as Ames, Nevada, and Colo; an "artery" from Ames to the Heart of Iowa Nature Trail and the communities of Kelley, Slater, Huxley, Cambridge, Maxwell, and Collins; a trail link between Ames and Gilbert, and the Praeri Rail Trail.

3. Protect and enhance other open spaces, especially those involving wetland and prairie areas and existing parks.

- a. Renovate the Hickory Grove beachfront area to provide ADA accessibility to beach, docks, and fishing area. (SCCB)
- b. Acquire and develop new city park land. (Cities of Kelley, Cambridge, and others)
- c. Renovate an existing city park in Cambridge by repairing restrooms and providing additional landscaping. (City of Cambridge)
- d. Plant additional trees in city parks. (All cities)

- e. Extend park trails from the Story City park system to those within the Story County Conservation Board's Greenbelt. (REAP Committee)
- f. Acquire and develop abandoned railroad areas to preserve a remnant prairie and provide open space. (City of Kelley and others.)
- g. Construct trails, picnic areas, additional landscaping and other improvements in city parks.
- h. Improve vegetation management practices on public and private land (SCCB)
- i. Acquire additional acreage to increase natural habitat for public use.
- j. Acquire, improve and enhance trails and natural habitat in county managed area
- k. Develop and improve picnic facilities at Dakins Lake. (SCCB)
- L. Develop desirable borrow pits and gravel pits as they become available. (SCCB)
- m. Improve wildlife habitat on the Sheffield tract, Matheason tract, and Lekwa easement. (SCCB)
- n. Identify, inventory, and manage vegetation and its seed source and historical values in pioneer era cemeteries. (REAP Committee and others)
- o. Seek agreements with existing railroads to improve management practices along right-of-ways to protect prairie remnants. (REAP Committee)
- p. Restore Ames High Prairie to eliminate inappropriate vegetation and reconstruct trail to reduce erosion. (REAP Committee)
- q. Acquire easements or leases for additional public open spaces.
- r. Improve vegetation management practices which are consistent with each property=s mission. This includes suppression of undesirable non-native vegetation and the promotion of desirable vegetation to enhance the area=s natural character and improve its wildlife habitat value. (SCCB)
- s. Upgrade equipment to harvest and prepare for planting seed from local natural areas to provide high quality local ecotype seed stock for restoration projects within our area. (REAP Committee)

- t. Implement and enforce county environmental impact statements.

4. Preserve, enhance, and document the historical resources found in Story County.

- a. Preserve historic sites and areas within Story County.
- b. Expand historical focus of interpretive programs (SCCB and others)
- c. Protect and restore historic prairie and pioneer cemeteries. (REAP Committee)
- d. Conduct a county-wide inventory of Native American archeological sites by the State Archeologist. (SCCB, cities, and others)
- e. Conduct a county-wide inventory of historic resources to assess the condition of the county's historic record.

5. Assist landowners and land managers in protecting and enhancing soil and water quality.

- a. Reduce non-point source water pollution through planting of cover crops. (Story County Soil and Water Conservation District (Story County SWCD).
- b. Reduce point source water pollution problems such as those from livestock waste management. (Story County SWCD and Story County)
- c. Implement habitat improvements including tree planting programs and timber stand improvement. (Story County SWCD, SCCB, and others)
- d. Encourage land conversion projects in priority watersheds that benefit soil conservation, water quality improvements, and wildlife habitat. (Story County SWCD, REAP Committee, and others)

6. Expand environmental education opportunities for all age groups.

- a. Continue to support acquisition and distribution of the Audubon Adventures Series classroom education materials (Audubon Society)
- b. Expand volunteer network for programs across the county. (SCCB)
- c. Increase the exposure to environmental topics and issues to all age groups in the county to develop an outdoor ethic. (REAP Committee).

- d. Promote the use of non-motorized transportation and recreation and traffic safety education. (SCCB, Friends of Central Iowa Biking, Skunk River Paddlers and others)
- 7. Complete, update, and publish a comprehensive inventory and a public guide of Story County natural and historic resources, including the compilation of accurate maps of trails, hunting and non-hunting areas, endangered species, prairies, wetlands, woodlands, and savannahs. (REAP Committee and others)**
- 8. Implement other plans to improve the environment of Story County's rural and urban areas.**
- a. Encourage county-wide use of low pressure sodium lights to conserve energy and full cutoff fixtures to avoid light pollution. (Ames Area Amateur Astronomers, City of Ames.)
 - b. Acquire an area for Off Road Vehicle use and restrict their use in other areas. (REAP Committee)
 - c. Promote alternative transportation with traffic safety education, bicycling and pedestrian lanes along transportation corridors.
 - d. Pursue trail improvements - greenbelts, county parks, connect existing public areas, bridges, elevated trail and step systems, surfacing and other "hardening" techniques, land purchase or easements for trail extensions.
 - e. Expand and improve IRVM and SCCB nursery efforts for production of local ecotype plant materials at Peterson Park, the Pella site, and with local private growers.
 - f. Pursue projects and alternative energy sources to improve energy efficiency in the public and private sectors.
 - g. Identify, acquire, enhance, and expand water trails within watersheds in Story County.

APPENDIX 1

NATURAL RESOURCE MAP OF STORY COUNTY COUNTY AND STATE PUBLIC LANDS MAP LAND USE FRAMEWORK – COUNTY DEVELOPMENT PLAN

APPENDIX 2

REFERENCES

REFERENCES

1. "An Island of Green: The Preservation of a River Valley Through Zoning." Robert Pinneke. *The Iowa Conservationist*, Nov, 1977, pp. 11-13.
2. Acquisition and Restoration of Wetlands in a 31 Iowa County Prairie Pothole Joint Venture. Iowa Department of Natural Resources, Oct. 1988. 111 pp.
3. American Outdoors: The Report of the President's Commission Island Press, 1987. 420 pp.
4. Central Iowa Outdoor Recreation Plan, ROSS, Central Iowa Association of Governments, Feb, 1972. 54 pp.
5. "Five-Year REAP Plans" from Story County Conservation Board; cities of Ames, Cambridge, Gilbert, Huxley, Kelley, Nevada, and Story City; the Story County Soil and Water Conservation District; Ames Area Amateur Astronomers; Ames Heritage Association.
6. Iowa Open Space Plan, a supplement to the 1988 SCORP. Iowa Department of Natural Resources, July 1988. 66 pp.
7. Story County Land Development Regulations, March 10, 2006, Chapter 16 – Greenbelt/Conservation District – Story County Board of Supervisors.
8. Natural Resources Analysis, Story County, Report to the Story County Board of Supervisors in Cooperation with the Iowa Agriculture Experiment Station Study. 30 pp.
9. Outdoor Recreation Plan, 1969, Story County Conservation Board, Harris and Associates, Nevada, Iowa. 40 pp.
10. Park, Recreation, and Open Space Plan 1977-82, Story County Conservation Board, Mark Ackelson. 74 pp.
11. Park, Recreation, and Open Space Plan 1983-88, Story County Conservation Board. 45 pp.
12. Park, Recreation, and Open Space Plan 1989-98, Story County Conservation Board. 47 pp.
13. Story County Conservation Long-Range Plan – 1997.

14. Priorities for the '90's. Proceedings of the Governor's Conference on Environmental Education, Iowa Department of Education, February 1990. 70 pp.
15. Recreation, Tourism and Leisure, An Iowa Plan for the Future. Commission for Iowa's Recreation, Tourism and Leisure, State of Iowa, September 1987. 58 pp.
16. Status of Natural Resources in Iowa, 1984. A report to the Iowa Natural Heritage Foundation, October 1984. 105 pp.
17. Streamside Forests and the Vital Beneficial Resources. University of Maryland and the U.S. Fish and Wildlife Service, 1988. 20 pp.
18. Study Recommendations. Integrated Roadside Vegetation Management Program. George Butler and Associates, Ames, Iowa, and the Iowa Natural Heritage Foundation. 35 pp.
19. Story County Development Plan 1994, Story County Planning and Zoning.
20. Ames Natural Areas Inventory Report to the Ames City Council, December 1994.

APPENDIX 3

STORY COUNTY REAP PROJECTS SUMMARY FROM 2006 REAP ASSEMBLY

STORY COUNTY REAP PROJECTS

May 1989 - December 2005

CITY PARKS AND OPEN SPACES

Recipient: Ames

FY 1990	Moore Memorial Park	\$150,000
FY 1991	Moore Memorial Park	\$150,000
FY 1995	Bentwood Park and Greenway	\$150,000
FY 1996	Central Park Greenway System	\$150,000
FY 1997	Central Park Greenway System	\$150,000
FY 2000	Ames Central Park Greenway System	\$150,000

Recipient: Cambridge

FY 1994	Outdoor Learning Laboratory	\$ 44,000
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Recipient: Collins

FY 1994	Trailside Park -Heart of Iowa Trail	\$ 49,905
FY 1995	Trailside Park	\$ 50,000

Recipient: Gilbert

FY 1997	Heritage Trails and Parkway System	\$ 49,980
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Recipient: Huxley

FY 1990	Berhow Park	\$ 75,000
FY 1992	Berhow Park - Phase II	\$ 55,340
FY 1993	Heart of Iowa Nature Trail Access	\$ 75,000
FY 1994	Heart of Iowa Nature Trail, Huxley Part	\$ 75,000
FY 2006	Huxley Trail Extension	\$ 44,000

Recipient: Maxwell

FY 1998	Heart of Iowa Nature Trail	\$ 40,700
FY 2004	Heart of Iowa Nature Trail, Maxwell segment	\$ 50,000

Recipient: Nevada

FY 1996	Indian Creek Greenbelt	\$100,000
FY 2001	Indian Creek Greenbelt	\$100,000

Recipient: Slater

FY 1991	Northside Trailhead and Arboretum	\$ 58,450
FY 1998	Heart of Iowa Nature Trail Linkage	\$ 46,000
FY 2005	Central Iowa Trail Project - Slater Junction	\$ 70,574

Total: \$ 1,883,949

County Conservation

Recipient: County Special REAP Account

FY 1990	Per county allocations	\$ 9,086
FY 1991	Per county allocations	\$ 12,415
FY 1992	Per county allocations	\$ 6,121
FY 1993	Per county allocations	\$ 4,917
FY 1994	Per county allocations	\$ 4,288
FY 1995	Per county allocations	\$ 4,587
FY 1996	Per county allocations	\$ 5,527
FY 1997	Per county allocations	\$ 6,054
FY 1998	Per county allocations	\$ 5,992
FY 1999	Per county allocations	\$ 5,785
FY 2000	Per county allocations	\$ 6,695
FY 2001	Per county allocations	\$ 6,759
FY 2002	Per county allocations	\$ 4,680
FY 2003	Per county allocations	\$ 183
FY 2004	Per county allocations	\$ 6,782
FY 2005	Per county allocations	\$ 6,705
FY 1990	Per population allocations	\$ 22,820
FY 1991	Per population allocations	\$ 33,716
FY 1992	Per population allocations	\$ 16,859
FY 1993	Per population allocations	\$ 13,399
FY 1994	Per population allocations	\$ 12,530
FY 1995	Per population allocations	\$ 13,365
FY 1996	Per population allocations	\$ 15,556
FY 1997	Per population allocations	\$ 17,069
FY 1998	Per population allocations	\$ 17,152
FY 1999	Per population allocations	\$ 15,882
FY 2000	Per population allocations	\$ 18,363
FY 2001	Per population allocations	\$ 18,544
FY 2002	Per population allocations	\$ 13,026
FY 2003	Per population allocations	\$ 507
FY 2004	Per population allocations	\$ 18,713
FY 2005	Per population allocations	\$ 18,630

Total: \$ 362,707

Historical Resource Development

<u>Recipient: Ames Heritage Association & Ames Public Library</u>		
FY 1990	Ames Photographic History Collection	\$ 4,874
<u>Recipient: Ames Heritage Association</u>		
FY 1997	Story Center Feasibility Study	\$ 5,000
FY 1999	Heritage Tourism Brochure	\$ 2,000
FY 2001	Initiate Collections of Ames History	\$ 5,500
FY 2002	Archive Equipment Acquisition	\$ 1,000
FY 2004	Ames Tribune Photo Archive Phase 1	\$ 3,355
<u>Recipient: Ames Historical Society</u>		
FY 2005	Ames Tribune Photo Archive Phase 2	\$ 5,633
<u>Recipient: Nevada Community Historical Society</u>		
FY 2006	Briggs Terrace/Evergreen Ln Est. rest-1	\$ 34,158
<u>Recipient: The Community Historical Society</u>		
FY 2004	Microfilming the Maxwell Tribune NPs	\$ 3,310
<u>Recipient: Iowa State University Library</u>		
FY 1996	WOI-TV Films Preservation & Access	\$ 18,000
<u>Recipient: Iowa State University Press</u>		
FY1993	Holding the Moment: Mid-America/Mid Ce	\$ 2,584
<u>Recipient: ISU Farm House Museum</u>		
FY 1991	Main floor reinforcement and leveling	\$ 12,544
FY 1997	Assess Farm House Museum exterior	\$ 4,000
<u>Recipient: Nevada Community Historical Society</u>		
FY 1999	Master Plan for Evergreen Lane	\$ 2,500
<u>Recipient: Richard K. Peterson</u>		
FY 1991	Orchestra Pit Re-opening	\$ 4,571
<u>Recipient: Slater Public Library</u>		
FY 1999	Microfilm The Slater News, 1890-1963	\$ 8,975
<u>Recipient: University Museums</u>		
FY 1994	Loess Hills Touring Exhibit - Fragile Giants	\$ 2,816
Total:		\$120,820

Conservation Education

Recipient: Story County Conservation Board

FY 1996	1996 Midwest Env. Ed. Conference	\$ 1,550
FY 2004	KinderNature, Early Childhood Ed Guide	\$ 39,936

Total: \$ 41,486

Land Management

Recipient: State Forest Nursery

FY 1990	Energy improvements	\$ 17,282
FY 1999	Fuel storage upgrade	\$ 24,040
FY 1999	Replace cooler building roof	\$ 20,965
FY 2001	Irrigation system	\$ 30,603

Total: \$ 92,891

Open Space

Recipient: Story County Treasurer

FY 1993	Local property tax reimbursement	\$ 430
FY 1995	Local property tax reimbursement	\$ 1,658

Recipient: Tieg Marsh

FY 1991	Brian Johnson tract	\$ 23,000
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Recipient: State Forest Nursery - Ames

FY 2001	Storage cooler and renovations	\$ 56,135
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Total: \$ 81,223

Roadside Vegetation

Recipient: City of Collins

FY 1993 Gateway plantings \$ 4,600

Recipient: DOT

FY 1995 Highway planting, I-35 near Ames/Roland \$ 48,000

FY 1995 I-35 Gateway near Ames \$120,000

Recipient: Nevada

FY 1997 Roadside enhancement \$ 800

Recipient: Story City

FY 1997 Gateway plantings \$ 6,000

Recipient: Story County

FY 1992 Roadside enhancement \$ 12,000

FY 1996 Hydro-mulcher purchase \$ 6,000

FY 2004 Equipment \$ 2,100

Recipient: AFIRM

FY 2005 Roadside Management Internet Database \$ 15,000

Total: \$214,500

Soil and Water Enhancement

Recipient: Soil and Water Conservation District

FY 1990	Equal allocations for practices	\$ 1,513
FY 1991	Equal allocations for practices	\$ 8,903
FY 1992	Equal allocations for practices	\$ 2,018
FY 1993	Equal allocations for practices	\$ 1,690
FY 1994	Equal allocations for practices	\$ 2,760
FY 1995	Equal allocations for practices	\$ 0
FY 1996	Equal allocations for practices	\$ 0
FY 1997	Equal allocations for practices	\$ 5,085
FY 1998	Equal allocations for practices	\$ 6,487
FY 1999	Equal allocations for practices	\$ 1,096
FY 2000	Equal allocations for practices	\$ 1,795
FY 2001	Equal allocations for practices	\$ 3,397
FY 2002	Equal allocations for practices	\$ 1,161
FY 2003	Equal allocations for practices	\$ 0
FY 2004	Equal allocations for practices	\$ 7,968
FY 2005	Equal allocations for practices	\$ 7,940

FY 1990	Forestry & native vegetation	\$ 0
FY 1991	Forestry & native vegetation	\$ 11,928
FY 1992	Forestry & native vegetation	\$ 1,551
FY 1993	Forestry & native vegetation	\$ 700
FY 1994	Forestry & native vegetation	\$ 3,193
FY 1995	Forestry & native vegetation	\$ 780
FY 1996	Forestry & native vegetation	\$ 0
FY 1997	Forestry & native vegetation	\$ 1,663
FY 1998	Forestry & native vegetation	\$ 983
FY 1999	Forestry & native vegetation	\$ 1,438
FY 2000	Forestry & native vegetation	\$ 888
FY 2001	Forestry & native vegetation	\$ 1,400
FY 2002	Forestry & native vegetation	\$ 813
FY 2003	Forestry & native vegetation	\$ 0
FY 2004	Forestry & native vegetation	\$ 1,992
FY 2005	Forestry & native vegetation	\$ 1,985

Recipient: Story Soil and Water Conservation District

FY 2005	Hallett's Quarry Lake Watershed Project	\$ 14,509
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Total: \$ 95,636

Total REAP Allocations in Story County, FY 1989-2005 \$2,893,212

APPENDIX 4
STORY COUNTY CONSERVATION PROJECTS

STORY COUNTY CONSERVATION REAP EXPENDITURES

FISCAL YEARS 1990-2006 = \$412,936.73

Land Acquisition and Acquisition Expenditures

Fiscal Year	Amount	Description
1991	\$1,500.00	Heart of Iowa Nature Trail - land easement purchased from Sheldon Lee
1992	\$10,000.00	Hickory Grove Park - purchase of Lewis Marsh property below the dam to lower risk factor on structure
1993	\$7,905.00	Hickory Grove Park - purchase of schoolhouse & one acre of land from Nevada Township Trustees to reduce risk factor on dam
1995	\$4,428.00	Skunk River Greenbelt - purchase of real estate from Don Henderson
1996	\$2,000.00	Five-Co. Trails Alliance (planning services commitment)
1998	\$3,000.00	Central Iowa Greenways project funding - paid to Iowa Nat. Heritage Found.
1999	\$2,709.18	Lee Prairie - purchase from Jacob & Daniel Lee
	\$400.00	Central IA Greenways program - production costs to Riley Communications
2000	\$557.00	HOINT - cost to acquire property along HOINT from Lawrence Jahn
2001	\$2,750.00	Stumbo & Associates (surveying Matheason tract)
	\$14,370.00	Kenneth Matheason (purchase of property)
	\$2,700.00	Sheldon Lee (easement)
2003	\$1,625.60	Paul & Kathryn Mens (perpetual easement)
	\$10.00	Batman-Sayers (abstract - oral lien search)
2005	\$1,200.00	Central Iowa Trails communication plan - paid to INHF
2006	\$2,500.00	Mildred Hanson (purchase of property in Skunk River Greenbelt)
	\$140.00	Great Places grant (aerial photos - paid to INHF)

	\$57,794.78	Total - Land Acquisition
Facility Development and Renovation		
Fiscal Year	Amount	Description
1991	\$4,222.08	Heart of Iowa Nature Trail - development of plans and engineering design
	\$4,165.62	Conservation Center - interest payment on construction loan
1992	\$26,768.50	Conservation Center - Principal and interest payments on loan
	\$55,447.40	Hickory Grove Park - engineering & construction costs to repair spillway
1993	\$10,662.99	Conservation Center - Principal and interest payments on loan
1994	\$4,943.82	Conservation Center - final payment on center
	\$2,740.00	Heart of Iowa Nature Trail - clearing trees and brush; grader work
1996	\$2,005.02	Hickory Grove Park - building fishing jetties
1997	\$2,458.93	Bear Creek Bridge - materials to rebuild bridge destroyed by flooding
	\$7,675.00	Fox Engineering - design on HOINT
1998	\$1,860.00	Fox Engineering - design on HOINT
1999	\$17,694.52	HOINT - Phase III construction costs
2000	\$9,909.20	West Peterson Park - % of FEMA mitigation (1996 floods)
	\$1,580.73	Hickory Grove Park - playground construction costs
	\$13,580.00	HOINT - Phase IV engineering costs
2001	\$2,910.00	Clapsaddle-Garber (engineering design, Phase IV)
	\$10,178.05	Kinman Co. (construction on Phase IV, HOINT - 20% of project)
	\$6,678.51	Story Co. Cons. (reimb. to general fund for 20% match share)
2002	\$5,532.45	Manatts & Stalls and Stripes (cons. center parking lot paving)
	\$2,603.50	Clapsaddle-Garber (engineering design, Phase V)
2003	\$4,785.75	Clapsaddle-Garber (engineering design, Phases V & VI, HOINT)
	\$150.00	IDNR (storm water discharge permit - construction on HOINT)
	\$2,000.00	Peterson Contractors Inc. (construction on HOINT - 20%)
	\$2.30	Tri-Co. Times (storm water discharge notice - HOINT)

Facility Development and Renovation (cont'd)

Fiscal Year	Amount	Description
2004	\$1,194.00	Clapsaddle-Garber Associates (engineering design, Phases V & VI, HOINT)
	\$84,574.00	Peterson Contractors Inc. (construction on HOINT)
	\$3,487.50	Des Moines Forage & Turf (grass seed, HOINT)
	\$1,716.42	Birchmier Brothers (tiling & repairs - HOINT)
	\$291,526.29	Total - Facility Development and Renovation

Supplies and Materials

Fiscal Year	Amount	Description
1990	\$135.89	Misc.
1991	\$10.00	Heart of Iowa Nature Trail - fee to register logo
1992	\$94.71	Hickory Grove Park - publication of legal notices to let bids for construction on the spillway structure
1996	\$2,425.20	Hickory Grove Park - fees/supplies, waterfront improvement fundraising
1998	\$1,663.03	Hickory Grove Park - fees/supplies, waterfront improvement fundraising
1999	\$521.41	Hickory Grove Park - fees/supplies, waterfront improvement fundraising
2000	\$1,803.30	Hickory Grove Park - fees/supplies, waterfront improvement fundraising
2005	\$3,244.11	KinderNature REAP-CEP grant (supplies, printing, mailings)
2006	\$1,736.35	KinderNature REAP-CEP grant (supplies, printing, mailings)

