Kentucky Heritage Land Conservation Fund Board

Annual Report

July 1, 2005 - June 30, 2006

KENTUCKY HERITAGE LAND CONSERVATION FUND BOARD

11th Annual Report

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Dwarf sundew, Pulaski County

MISSION

The Kentucky Heritage Land Conservation Fund (KHLCF) was established by the 1994 Kentucky Legislature and is administered by a 12-member board. The board's mission is to award funding for the purchase and preservation of selected natural areas in the Commonwealth; to protect rare and endangered species and migratory birds; to save threatened areas of natural importance, and to provide natural areas for public use, outdoor recreation and education.

The fund is supported by the state portion of the unmined minerals tax, environmental fines, the $10 additional fee to purchase a Kentucky nature license plate and interest on the fund's assets.

The board can award grants to acquire and protect areas of natural significance. Grants can be awarded to local governments, state colleges and universities and specified state agencies.

ELIGIBILITY CRITERIA

Applicants for KHLCF grants are required to provide documentation that explains how a proposed acquisition will meet one or more of these priorities:

1. Natural areas that possess unique features such as a habitat for rare and endangered species;

2. Areas important to migratory birds;

3. Areas that perform important natural functions that are subject to alteration or loss; and

4. Areas to be preserved in their natural state for public use, outdoor recreation and education.

Applications must also include: (1) an enumeration of costs, (2) a budget that indicates how at least 10 percent of acquisition costs will be spent for management and (3) a preliminary resource management plan for the project. During fiscal year 2006, the Kentucky Heritage Land Conservation Fund Board held four regularly scheduled quarterly meetings to consider applications for funding.

SUMMARY OF ACTIVITIES

This has been another eventful year for the Kentucky Heritage Land Conservation Fund Board (KHLCFB). The board reviewed numerous applications and approved 16 projects in 15 counties in fiscal year 2006. Since the first awards were made in October 1995, the board has approved 148 projects in 61 counties.

This year, local government projects were approved in Boone, Fleming, Green, Letcher, Metcalfe Powell and Pulaski counties; state agency projects were approved in Barren, Bullitt, Carter, Christian, Hickman, LaRue, Laurel and Monroe counties.

Nearly 1,700 acres of natural areas and wildlife habitat were purchased or protected with Heritage Land funds during fiscal year 2006. Purchases were made on eight projects, including additional acreage at Blanton Forest and another tract along the Green River. A complete list of properties pur-

chased or protected in FY 2006 is at the end of this summary.

More than 25,700 acres involving 94 projects have been purchased since October 1995. Costs of these projects (acquisition, administration and management) total $28 million. Sizes of projects are as follows:

> 1,000 acres	5 projects
500 - 999 acres	6 projects
100 - 499 acres	46 projects
10 - 99 acres	31 projects
< 10 acres	6 projects

This year, the board held one of its quarterly board meetings in Elizabethtown, which allowed members to visit the nearby LaRue Environmental Education and Research Center

Sales of the nature license plates fell slightly in 2006, possibly due to the change in regular passenger plates and more specialty plate choices. The board is currently seeking public input regarding the designs of the nature plates.

In October 2005, the board celebrated its 10th anniversary. The Kentucky Heritage Land Conservation Fund program has been of great benefit to the citizens of Kentucky. Preservation of Blanton Forest, Letourneau Woods and the Upper Green River Biological Preserve are just three accomplishments of the many people who work diligently to make this program a success. While much has been achieved, the board has great concerns about proposed quality acquisitions that could not be accomplished because of limited funding. We are hopeful that additional funds will become available so that many, many more projects will come to fruition during the next 10 years!

Murphy's Pond, Hickman County

Chism Addition to Old Mulkey Meeting House, Monroe County

Pumphrey Tract, Pulaski County

Fiscal Year 2006 Purchases

PROJECT	AGENCY	COUNTY	ACRES
Fort Heiman	Calloway County Fiscal Court	Calloway	1
Park Lake Mt. Nature Preserve	Fleming County Fiscal Court	Fleming	444
Blanton Forest (Wanda Peck tract)	KSNPC	Harlan	18
Goebel Tract	Wild Rivers	Hart	126
Pritchett Property	Parks/KSNPC	Henderson	13
Obion Creek	Fish & Wildlife	Hickman	770
Thompson Creek Glade Addition	KSNPC	LaRue	15
Reynolds Tract	Wild Rivers	Laurel	301
		Total	1,688

APPROVED PROJECTS

(July 1, 2005 to June 30, 2006)

Competitive Grants

Boone County Fiscal Court

Gunpowder Creek, Boone County, 120 acres
Boone County is one of the fastest growing counties in Kentucky and this acquisition will help protect the Gunpowder Creek watershed, while providing outdoor recreation and environmental education opportunities for residents.

Fleming County Fiscal Court

Park Lake Mountain Nature Preserve Expansion, Fleming County, 400 acres
This acquisition would almost double the size of the recently acquired Park Lake Mountain Nature Preserve. This is a wooded area that will be acquired with the goals of increasing public awareness of protected areas, providing additional resting and feeding areas for migrating and wintering waterfowl, and expanding outdoor recreational opportunities for visitors.

Green County Fiscal Court

Glenview/Green River Nature Preserve, Green County, 175 acres
Acquisition of this tract would help preserve over one mile of river frontage on the Green River, which is one of the eight most important watersheds for aquatic biodiversity in North America, according to The Nature Conservancy and NatureServe in the 1998 publication “Rivers of Live” (Master, et al., 1998). The acquistion will also be an important component in the development of the Green River Paddle Trail.

Eastern Kentucky University

Halcomb Addition to Lilley Cornett Woods, Letcher County, 125 acres
Acquisition of this property would complement ongoing research and education efforts at Lilley Cornett Woods and provide a much needed buffer to this old growth forest. This would provide benefits to the surrounding natural communities and water quality through the restoration of upland forests and rehabilitation of Pole Creek.

Metcalfe County Fiscal Court

Dry Fork Gorge, Metcalfe County, 80 acres
This site represents a wooded, largely undisturbed portion of the Little Barren River headwaters. The site has four caves, springs and drainage that represent a critical source water for the South Fork Little Barren River watershed. The caves are possibly an important maternity habitat for bats. Due to the pristine condition of the gorge and caves, it is very possible that habitat exists for rare and endangered plants and invertebrates.

Powell County Fiscal Court

Pilot Knob Expansion 2, Powell County, 185 acres
The purchase of three tracts adjacent to Pilot Knob State Nature Preserve will add significant buffer and increase the amount of unfragmented forest land being permanently protected. These tracts will also provide educational and recreational opportunities for area citizens and visitors to the area.

Pulaski County Fiscal Court

Hazeldell Meadow, Pulaski County, 46 acres
The two properties proposed for purchase provide a unique habitat found nowhere else in Kentucky. Known as a "highland rim wet barrens," the site harbors numerous state endangered and threatened plant species. Sundew and beard-grass are both found at this location, the only known Kentucky site for these two plants. The site offers environmental education opportunities for the residents of Pulaski County, along with outdoor recreation opportunities.

Pumphrey Site, Pulaski County, 27 acres
This site borders Buck Creek, classified by the Kentucky Division of Water as an outstanding resource water due to its diversity of aquatic species. Purchase of this site, which provides habitat to several threatened and endangered species, will help protect Buck Creek and provide hiking trails and environmental education opportunities to area residents.

State Agency Grants

Kentucky Department of Fish and Wildlife Resources

The Kentucky Department of Fish and Wildlife Resources did not request funding in FY06.

Divison of Forestry

Robertson Tract, Christian County, 42 acres
The Robertson tract will be managed as an addition to Pennyrile State Forest. This acquisition is a high priority for the Division of Forestry as it could easily be developed for housing or mini-farms. The property has been timbered in the past. The woods are in fairly good condition with young timber.

Aaron Tract, Bullitt County, 430 acres
This acquistion is the second phase of the Knobs State Forest project, which is another Kentucky Heritage Land Conservation Fund project. The tract consists primarily of upland hardwoods. This property, along with the Kuhns property, and close proximity to Bernheim Forest, creates a large, protected contiguous forest, very important to migratory birds. The property will also be used for demonstration areas, interpretive trails, research and outdoor classrooms.

Adkins Acquisition, Carter County, 250 acres
The Adkins property will be managed as an addition to Tygarts State Forest. Approximately 35 percent of the property is pasture, which will be replanted as a hardwood forest. A large cave on the property possibly provides habitat for Indiana bats.

Kentucky State Nature Preserves Commission

Thompson Creek Glade Addition #2, LaRue County, 20 acres
This would be an addition to Thompson Creek Glade State Nature Preserve, which now covers 155 acres. This addition encompasses two tracts, primarily wooded. Acquisition would provide important buffer and natural habitat around the ecological core of the preserve. Acquisition would also substantially reduce management complications at the nature preserve as prescribed fire is an essential management tool at this particular glade.

Mutter's Cave, Barren County, 110 acres
Mutter's Cave is roughly one mile from the U.S. Army Corps of Engineers' Barren River Lake Project. The acquisition would include the cave entrance, the land overlying the primary cave passage, and important travel corridors to foraging areas for the gray bats inhabiting the cave, considered a high priority gray bat maternity cave by the both the Kentucky Department of Fish and Wildlife Resources and the Kentucky State Nature Preserve Commission.

Mutter's Cave, Barren County

Murphy's Pond Addition to Obion Creek State Nature Preserve, Hickman County, 175 acres
This project will cover costs associated with the dedication of Murphy's Pond as a state nature preserve. Murphy's Pond will continue to be owned by Murray State University but dedication will provide additional legal protection to one of the most significant natural areas within the state.

Department of Parks

Chism Addition to Old Mulkey Meeting House State Historic Site, Monroe County, 19 acres
The primary goals of this purchase are to protect the site's viewshed and to prevent undesirable residential development immediately adjacent to the site. The tract is a high quality woodland with many mature trees and it will provide a buffer zone around the core property.

Division of Water – Wild Rivers Program

Crockett Tract, Laurel County, 156 acres
This tract is located on the Rockcastle River and its tributary, Hawk Creek. Much of the tract is cliff-bound and inaccessible, though the property could be developed and its timber harvested if not acquired and protected. An abandoned road might be suitable for development of a walking trail but that is the only potentially planned development of the site.

FISCAL YEAR 2006 AWARDS

GRANTS	COUNTY	AWARD*
Competitive Grants		
Boone County Fiscal Court - Gunpowder Creek	Boone	
Lexington/Fayette Urban Co. Gov't - Raven Run Addition (additional funding)	Fayette	
Fleming Co. Fiscal Court - Park Lake Mountain Nature Preserve Expansion	Fleming	
Kentucky State University - Crowe's Chase Management (add'l funding)	Franklin	
Green County Fiscal Court - Glenview/Green River Nature Preserve	Green	
Louisville Metro Gov't. - Jefferson Memorial Forest Exp. (additional funding)	Jefferson	
Eastern Kentucky University - Halcomb Addition to Lilley Cornett Woods	Letcher	
Metcalfe County Fiscal Court - Dry Fork Gorge	Metcalfe	
Powell County Fiscal Court - Pilot Knob Expansion II	Powell	
Pulaski County Fiscal Court - Pumphrey Tract	Pulaski	
Pulaski County Fiscal Court - Hazeldell Meadow	Pulaski	
Total Competitive		**$ 2,403,650**
State Agency Grants		
Department of Fish and Wildlife Resources		
No requests FY2006		
Nature Preserves Commission		
Mutter's Cave	Barren	
Braun's Rockcress Conservation Easements (additional funding)	Franklin	
Pine Mountain Settlement School (additional management funding)	Harlan	
Hi Lewis Pine Barrens (additional management funding)	Harlan	
Obion Creek SNP - Murphy's Pond Addition	Hickman	
Thompson Creek Addition #2	LaRue	
Total Nature Preserves Commission		**$ 541,500**
Division of Forestry		
Aaron Tract	Bullitt	
Adkins Acquisition	Carter	
Robertson Tract	Christian	
Total Division of Forestry		**$ 964,650**
Department of Parks		
Old Mulkey Meeting House State Historic Shrine	Monroe	
Edwards Management (additional management funding)	Powell	
Total Department of Parks		**$ 132,900**
Division of Water - Wild Rivers Program		
Crockett Tract	Laurel	
Total Division of Water - Wild Rivers Program		**$ 207,000**
Total State Agency		**$ 4,249,700**
GRAND TOTAL		**$ 6,653,350**

Figures are rounded to the nearest dollar.
*Due to confidentiality of property negotiations, individual amounts approved are not disclosed.

STATUS OF APPROVED PROJECTS
(July 1, 1995 - June 30, 2006)

Agency Abbreviations:	Status Codes:
KSNPC - Ky. State Nature Preserves Commission	# - number of acres purchased
F&W - Department of Fish & Wildlife Resources	A - Active
CFC - County Fiscal Court	W - Withdrawn
UCG - Urban County Government	F - Acquisition finalized; management, if applicable, in progress
Parks - Ky. Department of Parks	R - Final Resource Management Plan approved
Forestry - Ky. Division of Forestry	
Wild Rivers - Ky. Division of Water Wild Rivers Program	

PROJECT NAME	APPLICANT	COUNTY	STATUS
Legacy State Forest	F&W, Forestry, Parks	Adair, Taylor	W
Carpenter Cave (conservation easement)	KSNPC	Allen	14,F
Axe Lake Swamp Addition	KSNPC	Ballard	312, R
Barlow Bottoms/Stallings Tract	F&W	Ballard	147, R
Boatwright WMA Addition	F&W	Ballard	962,F
Brigadoon State Nature Preserve Addition #1 & #2	KSNPC	Barren	89,R
Mutter's Cave	KSNPC	Barren	A
Boone Wildlife & Recreational Area	F&W, Forestry	Bell	3650,R
Golden Acquisition	Forestry	Bell	288,F
Gladys Jackson Acquisition	Forestry	Bell	W
Gunpowder Creek	Boone CFC	Boone	A
Breckinridge Co. Wildlife Education Park	Breckinridge CFC	Breckinridge	25,R
Yellowbank WMA Inholding	F&W	Breckinridge	220,R
Knobs State Forest	Forestry, Parks, F&W	Bullitt	A
Apple Valley Glades (conservation easement)	KSNPC	Bullitt	23,F
Aaron Tract	Forestry	Bullitt	A
Dawson Springs Seep Swamp	KSNPC	Caldwell	W
Albert Lisanby Property	Forestry	Caldwell	5,R
Copeland Bluff	Forestry	Caldwell	46,R
Garland Jones Acquisition	Forestry	Caldwell	15,R
Fort Heiman	Calloway CFC	Calloway	165,A
Parkside Development Tract	Parks	Carroll	W
Charlie Bryant Property	Parks	Carter	108,R
Olive Hill Preservation Project	City of Olive Hill	Carter	215,R
Adkins Acquisition	Forestry	Carter	A
Russell Property	Forestry	Christian	135,R
Bob Overton Cave	KSNPC	Christian	A
Robertson Tract	Forestry	Christian	A
Lower Howard's Creek & Addition	Clark CFC	Clark	291,1R
Clark Co. Civil War Earthenworks Fortification	Clark CFC	Clark	25,R
Greenbelt Park/Horse Fork Trail	City of Owensboro	Daviess	25,R
Yellow Creek Park	Daviess CFC	Daviess	1,R
Park Mammoth Bat Cave	F&W	Edmonson/Barren	A
Laurel Creek Gorge	Elliott CFC	Elliott	W
Raven Run Addition #1 and #2	Lexington-Fayette UCG	Fayette	97,1R,1A
Park Lake Mountain Nature Preserve & Addition	Fleming CFC	Fleming	444,1F,1A
Pete McNeil Property	Forestry	Fleming	W
Marietta Huston Property	F&W	Fleming	811,R
Old Bison Trace	KSNPC	Fleming, Robertson	129,F
Strohmeier's Hill	KSNPC	Franklin	W
Cove Spring Nature Preserve	City of Frankfort	Franklin	75,A
River Cliffs (donated conservation easement)	KSNPC	Franklin	112,R
Julian Savanna (donated conservation easement)	KSNPC	Franklin	42,F

STATUS OF APPROVED PROJECTS (Continued)

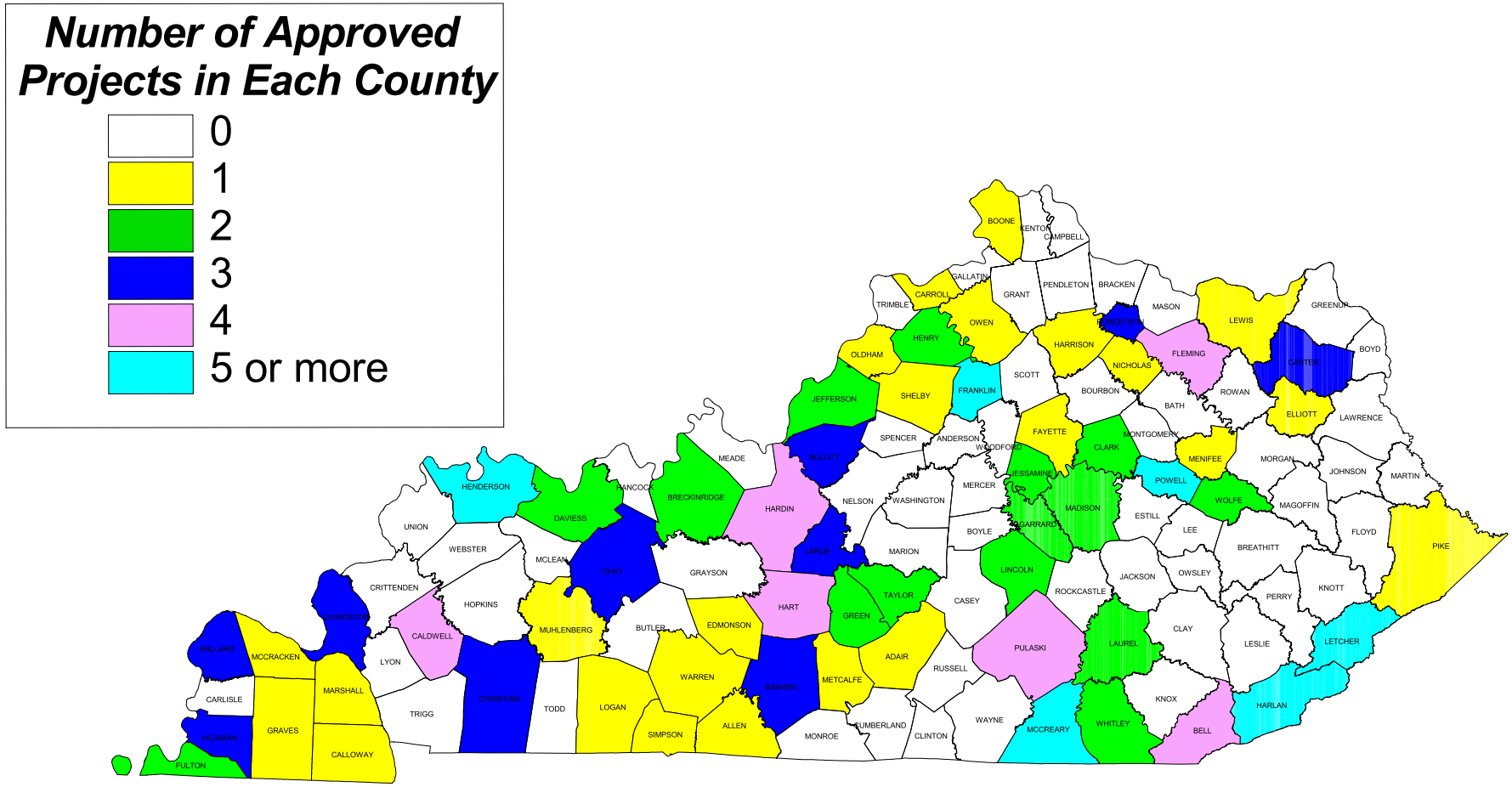
Braun's Rockcress Conservation Easements	KSNPC	Franklin	A
Feindel Tract (donated conservation easement)	KSNPC	Franklin	15,F
Emerson-Letourneau Woods	F&W	Fulton	872,R
Obion Creek Addition	F&W	Fulton, Hickman	770,F
Ky. River Palisades - White Oak Creek	Ky. River Authority	Garrard	447,R
White Oak Creek Addition #3	KSNPC	Garrard	5,R
Terrapin Creek	KSNPC	Graves	61,R,
Wyatt Jeffries Woods	Green CFC	Green	57,F
Glenview/Green River Nature Preserve	Green CFC	Green	A
Eastview Barrens & Addition	KSNPC	Hardin	119,R,1W
Buffalo Creek Woodlands	City of Elizabethtown	Hardin	W
Springhouse Barrens (conservation easement)	KSNPC	Hardin	54,F
Jim Scudder SNP Addition #1	KSNPC	Hardin	109,F
Hi Lewis Pine Barrens (private dedication of 138 acres)	KSNPC	Harlan	302,1R,1F
Blanton Forest	KSNPC	Harlan	1223,R,A
Greene Property & Addition	Forestry	Harlan	324,F
Stone Mountain Recreation Area	F&W, KSNPC	Harlan	1025,F
Medlin Tract	Wild Rivers	Harlan	11,R
Cupp Acquisition	Forestry	Harlan	396,F
Music Mountain	Harlan CFC	Harlan	W
Polly Howard Tract	Wild Rivers	Harlan	11,F
Black Mountain Appraisal	EKU et. al	Harlan	F
Croushorn Tracts	Wild Rivers	Harlan	1580,F
Christian Tract	Parks	Harlan	A
Cumberland Group Property	Parks	Harlan	W
Pine Mt. Settlement School (private dedication)	KSNPC	Harlan	348,F
Bluegrass Restoration Project	University of Kentucky	Harrison	391,F
Hidden River Cave Project	City of Horse Cave	Hart	9,R,A
Upper Green River Biological Preserve	Western Ky. University	Hart	670,F
East Mammoth Cave Educational Reserve	Western Ky. University	Hart	W
Goebel Tract	Wild Rivers	Hart	126,F
Lambert/Holy Name Tracts	Parks	Henderson	W
Pritchett Property	Parks	Henderson	15,F
Bush Acquisition	Forestry	Henderson	138,R
Green River State Forest Addition	Forestry	Henderson	272,A
Hardin Bottoms Addition - Ky. River WMA	F&W	Henry	227,F
Crowe Property	Kentucky State Univ.	Henry	306,F
Three Ponds	KSNPC	Hickman	217,R
Obion Creek SNP- Murphy's Pond Addition	KSNPC	Hickman	175,F,A
Jefferson Co. Memorial Forest	Louisville Metro Gov't	Jefferson	282,3R,1F,1W, 1A
Tyler-Schooling Property	Louisville Metro Gov't	Jefferson	215,R
Camp Nelson Civil War Site Preservation	Jessamine CFC	Jessamine	59,R
Jessamine Creek Preservation	Jessamine CFC	Jessamine	A
Lincoln's Boyhood Home	Larue CFC	LaRue	225,F
Larue County Environmental Center	Larue CFC	LaRue	191,F
Thompson Creek Glade SNP Additions #1 & #2	KSNPC	LaRue	106,1R,1F
Reynolds Tract	Wild Rivers	Laurel	301,F
Crockett Tract	Wild Rivers	Laurel	A
Bad Branch State Nature Preserve Addition	KSNPC	Letcher	853,1W,R
Gatton/Lewis Additions (Bad Branch SNP)	KSNPC, Wild Rivers	Letcher	8,F
Tudor/Wright Addition (Bad Branch SNP)	KSNPC	Letcher	A
Lilley Cornett Woods Mineral Estate	Eastern Ky. University	Letcher	R
Halcomb Tract -LCW	Eastern Ky. University	Letcher	A

STATUS OF APPROVED PROJECTS (Continued)

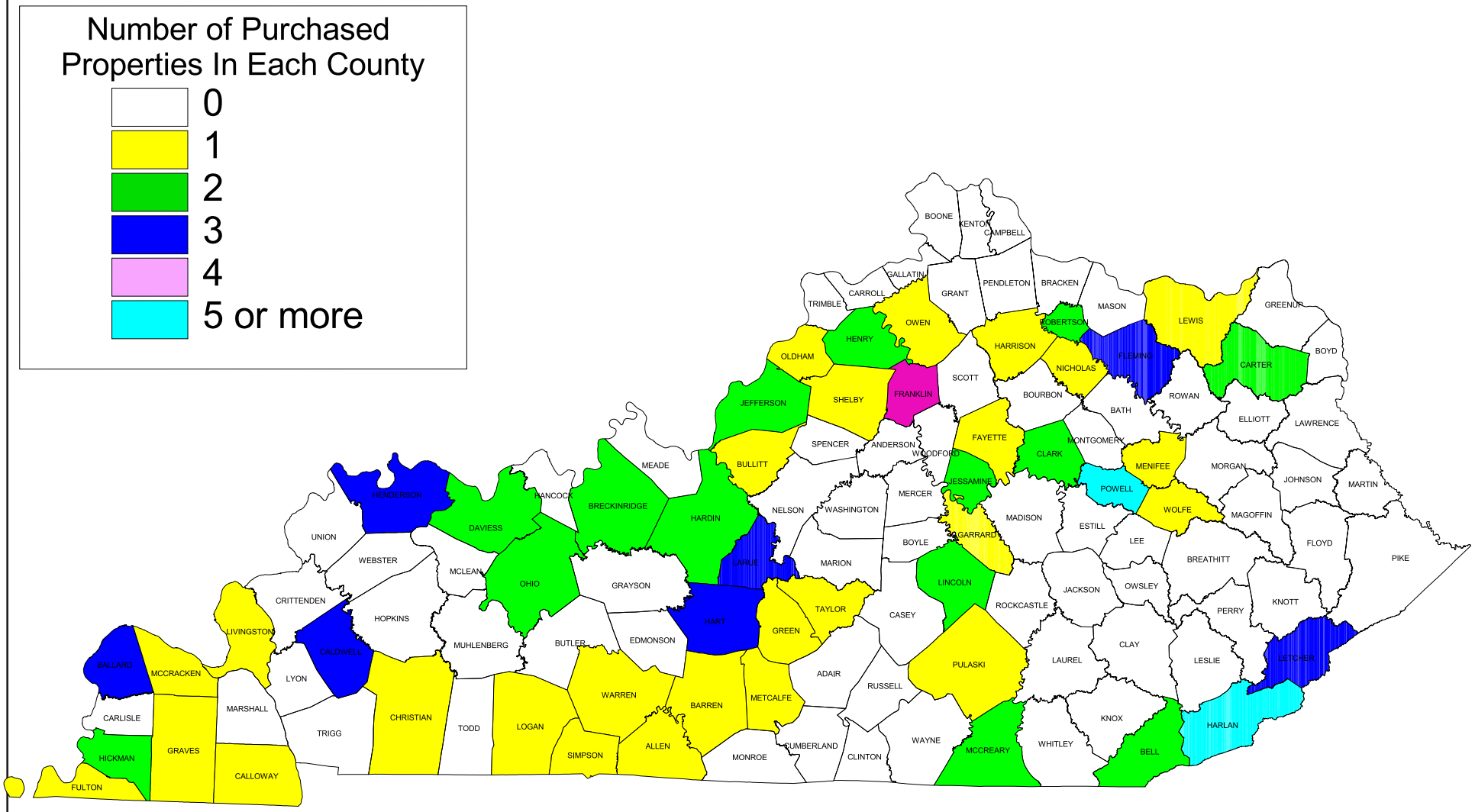
Hubbard Tract	Wild Rivers	Letcher	W
Wilder Tract	Parks	Letcher	W
Bad Branch North Face Addition	KSNPC	Letcher	W
Hymes Knob	KSNPC	Lewis	399,R,A
Lincoln County Barrens SNP	KSNPC	Lincoln	260,F
Lair Addition	Parks	Lincoln	30,F
Head Vivian Tract	Livingston CFC	Livingston	563,F
Perkins Tract	Livingston CFC	Livingston	462,F
Reynolds Metal Tract	Livingston CFC	Livingston	A
Baker Natural Area	Logan CFC	Logan	66,F
Sarah Williams Property	Parks	Madison	W
Central Kentucky WMA	F&W	Madison	W
Harper Property	Parks	Marshall	W
Perkins Creek Nature Preserve	City of Paducah	McCracken	80,R
Rick Stephens Property	Parks, Wild Rivers	McCreary	119,R
Tucker Project	Wild Rivers	McCreary	23,R
Garland Tract	Wild Rivers	McCreary	W
Joe Jackson Rock Creek	Wild Rivers	McCreary	W
Joe Jackson Little South Fork	Wild Rivers	McCreary	A
Virgil Gibson Conservation Easement	Wild Rivers	McCreary	W
Angel Tract	Wild Rivers	McCreary	W
Broke Leg Falls	Menifee CFC	Menifee	15,F
Dry Fork Gorge	Metcalfe CFC	Metcalfe	A
Old Mulkey Meeting House SHS - Chism Tract	Parks	Monroe	A
Peabody WMA survey	F&W	Muhlenberg, Ohio	A
Smoot/Hunter Tract	Parks, KSNPC	Nicholas, Robertson	78,R
Highview Hill, Expansion #1 & #2	Ohio CFC	Ohio	257,R
Ohio County Park Nature Area	Ohio CFC	Ohio	115,R
Conservation Park	Oldham CFC	Oldham	228,F
Gilbert Tract - Ky. River WMA	F&W	Owen	307,R
Pine Mountain Trail State Park	Parks	Pike, et al.	A
Lloyd Pace Property	Parks	Powell	W
Thomas Fuller Property	Parks	Powell	153,R
Nancy Reed Property	Parks	Powell	67,R
Pilot Knob Project	KSNPC	Powell	340,R
Edwards Property	Parks	Powell	41,F
Henson Property	Parks	Powell	72,F
Pilot Knob Addition #1 & #2	Powell CFC	Powell	93,1F,1A
Graham Addition	Parks	Powell	A
Mount Victory Seeps	KSNPC	Pulaski	150,R,A
Meek Tract	Wild Rivers	Pulaski	A
Hazeldell Meadow	Pulaski CFC	Pulaski	A
Pumphrey Tract	Pulaski CFC	Pulaski	A
Newsome Tract	Parks	Robertson	338,R
Abnee Tract	Parks	Robertson	A
Clear Creek Park Greenway	Shelby CFC	Shelby	27,R
Flat Rock Glade	KSNPC	Simpson	30,R
Tebbs Bend Nature & Recreation Area	Taylor CFC	Taylor	172,F
Lost River Cave	Warren CFC	Warren	2,R
Curt Davis Property	Parks, Wild Rivers	Whitley	W
Earl Timmons Property	Wild Rivers	Whitley	W
Bruce Smith Tract	Wild Rivers	Wolfe	140,F
James Lacy Tract	Wild Rivers	Wolfe	W

KENTUCKY HERITAGE LAND CONSERVATION FUND
Approved Projects
(including those withdrawn)

As of June 30, 2006



KENTUCKY HERITAGE LAND CONSERVATION FUND
Purchased as of June 30, 2006



Fiscal Year 2006 Financial Report

Current Year Receipts

License Plate Sales	$	996,800
Environmental Fines	$	1,948,655
Unmined Minerals Tax	$	1,386,833
Interest Income	$	407,250
Other Receipts	$	-
Total Current Fiscal Year Receipts	$	4,739,538

Current Year Expenditures

Land Acquisition and Management	$	5,743,376
Environmental Education Council**	$	150,000
Division of Fossil Fuels and Utility Services#	$	400,000
Transfer for Administrative Costs	$	121,600
Total Current Fiscal Year Expenditures	$	6,414,976

**In accordance with KRS224.10-250, $150,000 was transferred to the Kentucky Environmental Education Council, which is to provide leadership and planning for environmental education in the Commonwealth of Kentucky.

#In accordance with KRS 132.020 Section 9, $400,000 was transferred to the Kentucky Division of Fossil Fuels and Utility Services (formerly the Kentucky Coal Council) for the purpose of public education of coal-related issues.

Cumulative Receipts

Receipts by Source	FY95-FY03	FY04	FY05	FY06	TOTAL
License Plates	4,002,430	1,187,180	1,114,840	996,800	7,301,250
Environmental Fines	14,614,152	2,777,480	1,299,419	1,948,655	20,639,706
Unmined Minerals Tax	16,555,366	1,149,481	1,622,761	1,386,833	20,714,441
Interest	4,559,792	359,082	398,700	407,250	5,724,824
Other Receipts	4,229	405	100		4,734
TOTAL	**39,735,969**	**5,473,628**	**4,435,820**	**4,739,538**	**54,384,955**

Environmental Education

Kentucky Environmental Education Council (KEEC) *(report provided by Jane Wilson Eller)*

Each year, the KEEC receives $150,000 from environmental fines and penalties. The money is used for environmental education programs in the commonwealth.

Environmental education is often referred to as "tree hugging." This evokes images of people who approach environmental issues with their hearts but not necessarily with their brains. In fact, there are few endeavors more complex or intellectually challenging than trying to understand the interrelationships between human and natural systems. Added to that challenge is the fact that environmental literacy includes an understanding of how one can take personal and civic action to improve the environment.

Faced with this challenge and supported by those who wrote both the 1999 and 2004 environmental education master plans, the KEEC made an early decision to forgo the usual environmental education activities that include such things as occasional teacher workshops or Earth Day events. Instead the KEEC concentrates on improving the knowledge and skills of all those who provide environmental education to our young people and to our adult citizens. Our goal is to help them provide environmental education that is instructionally sound, delivered equitably, and balanced and factual in content.

As of last year, we had several fledging programs in place to accomplish this goal. This year, with the exception of the Green and Healthy Schools Program (described later), we have chosen not to initiate new programs but rather to continue to build those in place. This report describes progress on those programs.

•**Certification for nonformal educators and the endorsement for K-12 teachers -** These programs prepare educators in the nonformal sector (e.g. from natural resources agencies, science centers, the zoo) as well as K-12 teachers to more effectively teach about the environment. Both programs are breaking new ground nationally and are based on national standards. The certification program consists of four two-day workshops and one independent study. It requires four major assessments, one of which is a set of 15 short essays that assess the independent study. The endorsement, which is based on the same standards as the certification program, consists of three college courses. (The certification courses can also be taken for college credit). Currently four universities are offering the endorsement; two more are in the process of developing the courses. An endorsement is a specialty area added to a teacher's certificate. For example there are endorsements in gifted education, reading, and now in environmental education.

•**The Kentucky University Partnership for Environmental Education (KUPEE)** - For the past two years, the KEEC has channeled money from the state's Pride fund (created by HB 174) to the eight state universities. With this support, and other monies KUPEE has been granted, the universities become partners in helping to make teachers and other future leaders more environmentally literate.

•**The Green and Healthy Schools Project** - Late this fall, the Kentucky Department of Education and KEEC will launch the Kentucky Green and Healthy Schools Project. This project will provide a structure in which students inventory their own schools to assess their environmental sustainability and their relationship to the health of students and adults who use them. These student-conducted inventories will also help students integrate their learning and apply new knowledge to real world settings.

The inventories, coupled with the improvement projects, which are also part of the program, will help students use the higher-level thinking skills that are the basis of KERA goals. In addition, the program includes opportunities for school districts building new schools to incorporate sustainable and healthy building practices.

•**Commonwealth Water Education Project -** Also, late this fall, a coalition of over 20 agencies and organizations will launch a statewide water education project for adults. The project will include a KET-produced documentary on water issues specific to Kentucky; a series of workshops for local officials; a series of PSAs with a logo and slogan specifically created for the project; a one-stop Web site for water information (including an electronic field trip to a watershed); and a set of teacher workshops organized by watershed. KEEC helped organize the project and will serve as evaluators.

•**A Survey of Environmental Knowledge, Attitudes and Behaviors -** One of KEEC's mandates is to report to the General Assembly on the environmental literacy of Kentuckians. Therefore, we conduct a survey of environmental knowledge, attitudes and behaviors every five years. Our latest survey was conducted in the fall of 2004 by the UK Survey Research Center. A copy can be obtained by contacting the KEEC at (502) 564-5937 or by e-mailing jane.eller@ky.gov.

KEEC has numerous other initiatives as well. The message we want to convey is that we are not conducting environmental education in the usual way. Instead, we are looking critically at exactly what we believe we need to do to improve environmental literacy and strategically designing programs that meet those needs.

Kentucky Division of Fossil Fuels and Utility Services

Each year the first $400,000 received from the state portion of unmined mineral tax is given to the Kentucky Division of Fossil Fuels and Utility Services (formerly the Kentucky Coal Council) for public education of coal-related issues.

Kentucky Heritage Land Conservation Fund
Board Members

The 12-member board was established by the Kentucky General Assembly in 1994. Five members are appointed from state government agencies - one each from the Department for Natural Resources, the Department of Fish and Wildlife Resources, the Department of Parks, the Kentucky State Nature Preserves Commission and the Environmental Education Council. Seven members of the board are private citizens selected by the governor from nominations by conservation groups, the Kentucky Academy of Science, agricultural interests and natural resources industries. Dr. William H. Martin, Eastern Kentucky University, has been appointed by the governor to serve as chair of the board.

Citizen members receive no pay for attending quarterly board meetings and serving on committees of the board. Committees review applications and visit project sites, review and monitor site stewardship and provide advice and recommendations on issues coming before the board. Board members for the 2005-06 fiscal year were:

Susan Bush
Commissioner, Department for Natural Resources
663 Teton Trail
Frankfort, KY 40601
(502)564-6940
Ex Officio

Dr. Jon Gassett
Commissioner, Department of Fish and Wildlife Resources
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George Ward
J.T. "Jerry" Miller
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Dr. Paul M. Sheets
League of Kentucky Sportsmen
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(606)789-4631

Carl L. Wedekind, Jr., Vice-Chair
Expertise in natural resources land acquisition
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The Kentucky Heritage Land Conservation Fund Board is staffed by the Department for Natural Resources. Comments regarding this report should be addressed to:

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Phone: (502) 573-3080 Fax: (502) 573-1692
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Cover photograph: Dry Fork Gorge, Metcalfe County