

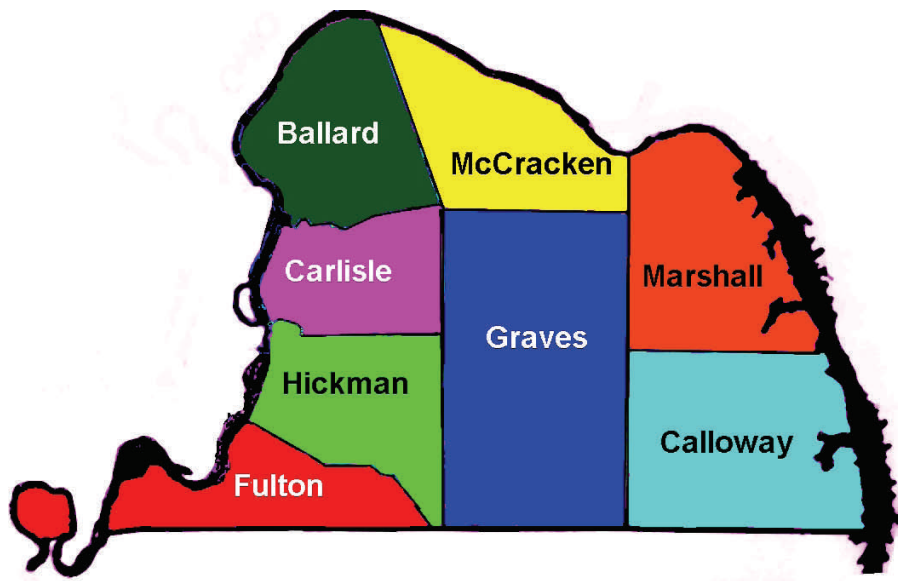
2005 Annual Report



Jackson Purchase Resource Conservation and Development Foundation, Inc.

Jackson Purchase Resource Conservation and Development Foundation, Inc.

2715 Olivet Church Road
Paducah, KY 42001
Phone 270.534.8054
Fax 270.554.5702
www.jpf.org



The RC&D Program of USDA Nondiscrimination Statement

"In accordance with Federal law and U.S. Department of Agriculture policy, this institution is prohibited from discriminating on the basis of race, color, national origin, sex, age, or disability.

To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building., 1400 Independence Avenue, SW, Washington, DC 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer."

RC&D Making Things Happen

Anyone can get involved in the RC&D program.

ANYONE...

- **who believes that one person can make a difference.**
- **who wants to be involved in making things happen in their community.**
- **who wants to see natural resources utilized while protecting our environment.**
- **who wants to improve the quality of life in their community.**

Contributors and Grantors for 2005

Ballard County Conservation District	Kentucky Waterways Alliance
Ballard County Fiscal Court	KY Agricultural Development Board
Calloway County Conservation District	KY Department of Fish & Wildlife Resources
Calloway County Fiscal Court	KY Division of Conservation
Carlisle County Conservation District	KY Division of Water
Carlisle County Fiscal Court	Marshall County Conservation District
City of Bardwell	Marshall County Fiscal Court
City of Calvert City	Mayfield-Graves Chamber of Commerce
City of Fulton	McCracken County Conservation District
City of Hickman	McCracken County Fiscal Court
City of Mayfield	Mid-Continent University
City of Murray	Murray State University Hancock Biological Station
City of Paducah	National Association of RC&D Councils
Community Foundation of West Kentucky	Pilgrim's Pride Corporation
Fulton County Conservation District	Purchase Area Development District
Fulton County Fiscal Court	Tennessee Valley Authority
Graves County Conservation District	USDA Natural Resources Conservation Service
Graves County Fiscal Court	US Environmental Protection Agency
Hickman County Conservation District	Virginia Environmental Endowment
Hickman County Fiscal Court	

All contributions are fully tax deductible according to the Internal Revenue Code. The Foundation's Board of Directors appreciates all those who contributed their time, services, products, and financial resources. Without the help of our partners throughout the year the Foundation's work would not have been a success.

Memberships, Partnerships, & Associations

The success of the RC&D Program could not be possible without the combined efforts of many groups, volunteers, and organizations that have the similar goals rooted in environmental conservation and quality of life efforts. The Jackson Purchase RC&D carries membership in the National Association of Resource Conservation and Development Councils (NARC&DC), the Kentucky State Association of RC&D Councils, the Southeastern Association of RC&D Councils, the Kentucky Waterways Alliance, and the Cumberland River Compact.

Partnerships reinforce the efforts of the team. The RC&D works with agencies and organizations such as the Kentucky Department of Agriculture, the Purchase Area Development District, Red River Watershed Association, Cumberland River Compact, the Kentucky Division of Water, the Kentucky Waterways Alliance, the Kentucky Division of Conservation, Kentucky Department of Fish and Wildlife Resources, Paducah Parks and Recreation Department, Murray State University Center for Environmental Education, Murray State University Hancock Biological Station, the Owners Association of Pirates Cove, the Purchase Area Aquaculture Cooperative, University of Kentucky Cooperative Extension Service, Kentucky State University Cooperative Extension Service, the Tennessee Valley Authority, the Four Rivers Basin Team, US Fish & Wildlife Service, The Nature Conservancy, Obion Creek Watershed Conservancy District, and County Agriculture Development Councils.

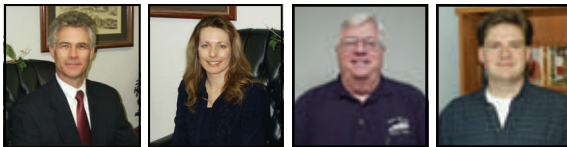
The Jackson Purchase RC&D Foundation Board of Directors serves to guide the Foundation in fulfilling the mission of the organization.

Jackson Purchase RC&D Board of Directors



Left to right: Dan Ellison, Tom Hodges, Kevin Murphy, Donna Davenport, James McPherson

Jackson Purchase RC&D Foundation Staff



Robert Johnson—RC&D Coordinator
Lisa Rowton—RC&D Administrative Assistant
Robert Wise—Four Rivers Basin Team Coordinator
Dustin Renfrow—Precision Agriculture BMP Technology Transfer Project Manager

Officers

James McPherson, President—Carlisle Co. Fiscal Court
Kevin Murphy, Vice President—Marshall Co. Fiscal Court
Donna Davenport, Treasurer—Mayfield Graves Co. Chamber
Tom Hodges, Secretary—Fulton Co. Fiscal Court
Dan Ellison, Past President—Graves Co. Conservation District

Members

Tatia Bradshaw—Fulton Co. Conservation District
Bob Buchanan—Ballard Co. Fiscal Court
Rita Burton—Calloway Co. Fiscal Court
Arthur Byrn—City of Mayfield
Marty Carraway—Calloway Co. Conservation Dist.
Don Elias—City of Murray
Jimmy Henley—City of Bardwell
Henry Hodges—Purchase Area Development Dist.
Robert Imhoff—Mid-Continent College
Melissa Jones—Ballard Co. Conservation District
Bill Paxton—City of Paducah
Beth McWhirt—City of Fulton
Danny Orazine—McCracken Co. Fiscal Court
Tommy Roberts—Hickman Co. Fiscal Court
Billy Smith—McCracken Co. Fiscal Court
Tony Smith—Graves Co. Fiscal Court
Larry Spears—City of Benton
Jim Stephens—Hickman Co. Conservation District
Jennifer Swain—McCracken Co. Conservation Dist.
George Shaw—Community Foundation of West KY
Mark Wilson—Member at Large
Michelle York—Marshall County Conservation District.

Resource Conservation & Development

RC&D areas were established in the Agriculture Act of 1962 to provide a program that empowered rural people to help themselves. The Jackson Purchase RC&D was authorized as an official RC&D area in 1998 through an application to the USDA Secretary of Agriculture. The Foundation is a nonprofit, non-governmental, 501(c)(3) tax-exempt organization. This standing makes them eligible to secure grant funds from private foundations and others, to receive private individual donations, to become holders of property, etc., as allowed by the law. The Jackson Purchase RC&D serves the Kentucky counties of Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Marshall, and McCracken. Specific areas of interest were established by the Board of Directors to focus the resources available and those provided by the United States Department of Agriculture, Natural Resources Conservation Service, Resource Conservation and Development program. RC&Ds are not entities of government; therefore the usual policies and constraints of local, state, and federal government programs do not limit them in the kinds of issues they decide to address or how they decide to do it. Local people on the Council determine the types of concerns, projects and activities in which the RC&D will become involved.

Excerpts from "Ask Pat...What is RC&D?" webpage.

Mission and Goals

Mission:

We are dedicated to the wise use of our natural and human resources. Our mission is to join with others to strengthen our community through measurable and sustainable means for the benefit of all.

Goals:

- ◆ Sustain our Natural Resources
- ◆ Improve the Quality of Life
- ◆ Enhance Economic Vitality

2005 Financial Summary (Expenses)

Administrative Expenses

Advertising	\$1,328
Association Dues	900
Bad Debt Expense	300
Grants to Other Organizations	500
Meeting Expenses	962
Miscellaneous	162
Office Operations	2,846
Travel	476
Donated Professional Services	97,661
Donated Use of Facilities and In-Kind Goods	4,241
Insurance	1,328
Legal/Accounting	1,525
Personnel	11,801

Fund Disbursements

Pilgrim's Pride Fund for Youth Development	\$10,000
--	-----------------

Project Expenses

Agricultural Development Projects	\$454,698
Cane Creek Watershed Based Plan	8,626
2005 Envirothon	210
Four Rivers Basin Team	19,031
Four Rivers Watershed Watch	8,697
KYARC&DC/NRCS Grant	268
NARCDC List Server	1,950
Obion Creek Stream Restoration	6,413
Pirates Cove Septic System Demonstration	57,693
Precision Agriculture BMP Implementation	197,950
Prescribed Grazing	2,362
Upper East Fork of Clarks River	15,069

Total Expenses		\$906,997
-----------------------	--	------------------

2005 Financial Summary (Income)

Income

Individual/Business Contributions	\$5,497
Donated Professional Services (USDA)	97,661
Donated Use of Facilities	3,932
Gifts In-Kind—goods	309
Interest	3,277
Administration Fees	17,704
NRCS Administrative Grant	12,600

Net Unrestricted Income **\$140,980**

Fund Increases

Pilgrim's Pride Fund for Youth Development **\$ 20,000**

Project Income

Agricultural Development Projects	\$536,222
Cane Creek Watershed Based Plan	10,159
Four Rivers Basin Team	32,286
Four Rivers Watershed Watch	6,600
KYARC&DC/NRCS Grant	5,007
Mayfield H2O Team	1,308
NARCDC List Server	5,900
Obion Creek Stream Restoration	15,816
Pirates Cove	63,041
Precision Agriculture BMP Implementation	192,616
Prescribed Grazing	2,369
Upper East Fork Clarks River Watershed Based Plan	17,716

Net Restricted Income **\$889,040**

Total Income **\$1,050,020**



***Jackson Purchase RC&D Foundation becomes
Member of the Circle of Diamonds***



The Jackson Purchase RC&D Foundation has continued to work hard to serve the communities of West Kentucky and is always striving to improve the quality of the organization.

In 2005, the Foundation was accepted into the Circle of Diamonds Program, a program through the National Associations of RC&D Councils, that is designed to highlight those RC&D Councils that show exemplary public accountability and have produced high quality programs within their local community. This mark of excellence will assist the Foundation in showcasing itself to the Jackson Purchase communities, other Councils, and the Nation.

Aquaculture Revolving Fund— This loan fund was established to provide monetary assistance to entities interested in aquaculture ventures at a low interest rate. As the fund is repaid, it is again loaned to additional entrepreneurs. Currently all funds are loaned out.

Aquatic Restoration of Three Mississippi River Tributaries—The purpose of this project is to restore aquatic habitat for four federal endangered species and eighteen state threatened or endangered species in three Mississippi River tributaries (Bayou de Chien, Terrapin Creek, and Obion Creek watersheds) in the Jackson Purchase area of Western Kentucky. Funding is from a Private Stewardship Grant through the U.S. Department of Interior, Fish and Wildlife Service. Work on the project will begin in 2006.

Agriculture Development Funds—The Foundation is assisting County Agricultural Development Councils with the distribution of Tobacco Master Settlement Agreement funds to local producers. Following are cost-share programs the Foundation administered last year:

Ballard County—Agriculture Diversification, Goat Diversification, Hay, Straw, & Commodity Storage Facilities, Livestock Fencing;

Graves County—Agriculture Technology, Beef Genetics Improvement, Cattle Handling Facilities, Dark Tobacco Production, Forage Improvement, Goat Diversification, Precision Agriculture;

Hickman County—Agriculture Diversification, Beef Genetics Improvement;

McCracken County—Agriculture Diversification, Beef Genetics Improvement, Forage Improvement, Goat Diversification, Hay, Straw, & Commodity Storage Facilities, Precision Agriculture.

The Jackson Purchase RC&D has received a total of \$575,141 toward these farmer reimbursable cost-share programs.

Precision Agriculture BMP Technology—Precision Agriculture, funded with a 319(h) Nonpoint Source Pollution Control Grant through the Division of Water, is a process where farmers apply the required soil amendments according to the need and potential production of each acre instead of applying these on the average across their fields. The Foundation established a cost-share program with 40 farmers in the Jackson Purchase to encourage grain farmers to purchase the necessary GPS (Global Positioning System) and accessories and sign up with technical service providers for data analysis and develop integrated crop management for their entire operations. The coordinator for the project is Dustin Renfrow

Prescribed Grazing Project—The purpose of this project was to demonstrate techniques for intensive rotational grazing to foster the concept and ideas of ecosystem-based planning assistance. Best Management Practices were installed on the demonstration farm to facilitate the Prescribed Grazing System. This project began in September 2003 and was implemented according to a conservation plan developed by NRCS with the Freddie Kimbell Farm. The project was completed in 2005 with the hosting of an educational field day. One Hundred Sixteen people were in attendance.

2005 Storm Drain Stenciling—The purpose of this project is to create public awareness of the need to keep pollution from entering the storm drains which endangers the public water supply. Drains are stenciled with a notice of pollution hazard from dumping substances into the drains. Mayfield and Murray participated in 2005. Coordinators were Don Elias and Brad Rogers.

Upper East Fork Clarks River Watershed Based Plan—involves many of the agencies and groups dealing with water quality. This project is funded by EPA 319(h) grant to develop a Watershed Based Plan for a portion of the Clarks River Watershed. The Hancock Biological Station and Calloway County Conservation District are partners in this project, providing technical assistance and cost-share to address the pollutants found in the water. The idea is to develop a comprehensive approach to water quality for the entire watershed.

Youth DEAL, Inc.—A gift from Pilgrim's Pride Poultry established the Fund for Youth Development. This fund includes a program for life skills, and leadership development for the youth in Graves County. Mentoring programs, leadership and employment training are program focuses of Youth DEAL, Inc. Of each yearly contribution, half is used to support local programs; the remaining half is entered into an endowment fund to support future youth programs and ensure perpetuity of the Fund for Youth Development. Coordinator for this project is Jeanna Elliott.

Obion Creek Stream Corridor Restoration Project—The purpose of this project is to reduce sedimentation by restoring the stream channel dimensions, flow patterns, and profile to those of the natural stream flow conditions. In 2005 this project was completed. The Foundation assisted the Obion Creek Watershed Conservancy District, the Hickman County Conservation District, Kentucky Department of Fish and Wildlife Resources in the project. Engineering was done by the University of Louisville, and funded with In-Lieu Fee Stream Mitigation moneys in conjunction with an EPA 319(h) grant. The Coordinators are Dr. Art Parola, Charles McIntire, Debbie Hinton, Randy Deweese and Dwain Abell.

Pirates Cove Cluster System Sewage Disposal Demonstration—The construction of a cluster sewage system in Pirates Cove along Kentucky Lake includes 100 residences. This demonstration and education project will be the first such project located in western Kentucky and will serve as an excellent learning tool for septic system installers and homeowners. The Jackson Purchase RC&D, Marshall County Health Department, Tennessee Valley Authority, and the Pirates Cove Home Owners Association are partners in this endeavor. Land surveying and Design work is completed as well as a lagoon system and lift station pumps, and first connections to the system have been made.

Pirates Cove Homeowners Fund—Is the Maintenance Fund of the Pirates Cove Homeowners Association. The fund currently holds \$47,910.00. The 75 homeowners contribute to this effort which is designed to support the cluster sewage system in the future.

POWER (Promoting Our Wildlife & Energy Resources) Program—The program is a cooperative effort between Kentucky utility companies partnering with the Kentucky Department of Fish & Wildlife Resources, NRCS, Conservation Districts, and RC&D Councils. It is aimed at adapting existing right-of-way management activities to benefit wildlife, customers, and utilities. Benefits include enhanced wildlife habitat, improved public relations, and lower line maintenance costs. Groundwork has been laid with the power providers and applications will begin in 2006.

Bee Springs Shoreline Riparian Protection—The project goal is utilization of innovative technology to stop lateral recession of the shoreline riparian area along Kentucky Lake. Using earthworks with wire mesh shaped into basket-like forms filled with locally supplied rock and then vegetated to enhance the riparian ecosystem while stabilizing the shoreline. JPF applied for a grant through the Five Star Restoration Challenge Grants which was not funded.

Calloway County Environmental Studies Project—JPF assisted the Calloway County Conservation District in preparing a grant for an outdoor classroom for Calloway County Schools. The grant was funded through the Kentucky Division of Forestry, Urban and Community Forestry Grant Program.

Cane Creek Watershed Planning Project—involves many of the agencies and groups dealing with water quality. This project is funded by EPA 319(h) to develop a Watershed Based Plan for Cane Creek, a tributary of Bayou de Chien. Fulton and Hickman County Conservation District partner in this project, providing cost-share to address the issue of pollutants found in the water. Other issues under investigation are potential agricultural pollution sources that are not addressed by the USDA Programs. The idea is to develop a comprehensive approach to water quality for the entire watershed, across county lines.

Clarks River Trail Project—This trails project is a partnership between the US Fish and Wildlife Service's Clarks River Wildlife Refuge and Marshall County Fiscal Court. The Foundation assisted with grant development for the National Recreational Trails Program and assisted with project coordination. The project consists of a paved loop trail for pedestrians, bicyclists, and wheelchairs that joins with a gravel trail for use by walkers, joggers, and bicyclists. Both trails have wildlife viewing stations along their paths. There is also an observation tower and shallow water areas for wildlife.

Columbus-Belmont Bluff Stabilization—The Foundation assisted Columbus-Belmont State Park in applying to get the State Park on the America's Most Endangered Battlefields list through the Civil War Preservation Trust. The park is suffering from erosion problems on the bluff where the park sits. There is a very major threat to a portion of this Civil War fort collapsing into the Mississippi River. Part of the earthworks have already fallen into the river.

2005 Envirothon—The Foundation assisted the Division of Conservation and our local Conservation Districts in conducting the western division of the statewide Envirothon which was held April 16th at Camp Currie in Marshall County. Fifteen teams competed in 5 different environmental areas (soils, water, forestry, wildlife, and cultural landscapes). Team A from Todd County Central placed first, Caldwell County 4-H (2nd), and Christian County (3rd). Debbie Hinton is the coordinator for this annual event.

UBS Fund Run for Charities—JPF assisted CFWK in their Fund Run, sponsored by USB which was created to help nonprofit organizations in Paducah and McCracken County grow endowment funds to serve their interests. This year the Fund Run took place on July 23rd with a record amount of funds being raised by 18 nonprofit organizations. The total amount raised was \$142,164. The total amount of matching funds for the nonprofit organizations was 100,000. In its 5th year, the Fund Run, as an event has raised over \$1,023,065 for the area's nonprofits and their endowments. Tony Watkins is the coordinator of this annual event.

Four Rivers Basin Team—JPF, the Kentucky Division of Water and many others, partnered to form the Four Rivers Basin Team. The Team addresses various watershed issues and compiles information into reports available to the public and distributes to water resource management agencies to further assist in proper watershed management and water quality monitoring. In 2005, the Four Rivers Basin Team worked closely with the Four Rivers Watershed Watch, Pirates Cove Cluster Septic System Demonstration Project, Cane Creek Watershed-Based Plan and Upper Clarks River Watershed-Plan Projects, Bee Creek Stabilization Project, and Storm Stenciling projects. Team members supported the following other activities: Livingston Creek study; TMDL Development on Clarks River; Cumberland River Compact's Building Outside the Box Project on Pleasant Grove Creek, a tributary of Red River; worked with the Nature Conservancy on project areas, Grand River Corridor and Obion/Bayou de Chien.

Four Rivers Watershed Watch—The Watershed Watch program completed its seventh year. It was originally started with the Kentucky Division of Water through outreach efforts to each section of the state to focus on community based stream assessment programs. With the continued assistance of volunteer teams, this program conducts visual surveys and collect water samples from 16 various sites across 17 counties for lab analysis from streams and rivers in Western Kentucky. A fall conference was held for networking purposes so that all volunteers could compare the results of their water testing and discuss future efforts for monitoring and clean up of any affected areas. Coordinators for this project are Dr. Joe Baust, Karla Johnston, and Ken Cooke. Results are available at <http://kywaters.org/watch/fourrivers/>.

KYaRC&Dc Natural Resources Grant Program—A \$10,000 Grant from the Natural Resources Conservation Service (NRCS) was distributed to each RC&D in the State of Kentucky through the Kentucky Association of RC&D Councils. JPF allocated funds to the following projects:

Four Rivers Watershed Watch - completed
Native Grasses Demonstration Area (Marshall Co.) - completed
Fulton County Schools Critical Area (Fulton Co.) - completed
Bee Creek Park Erosion Control Project (Calloway Co.) - pending
Bee Spring Shoreline Erosion Management Project (Marshall Co.) – completed
Calvert Elementary Outdoor Classroom (Marshall Co.) – completed
LaCenter Park Water Management Project (Ballard Co.) – completed

NARDC List Server—The partnership of the Jackson Purchase RC&D Foundation and the Ore-Cal RC&D in California shares the workload of operation, technical support, and the maintenance of internet list servers, email, file sharing and chat rooms availability. The agreement is to maintain the list server through Yahoogroups.com. It began July 1, 2001 and has continued through 2005. Coordinators for this project are Lisa Rowton and Donna Burcher.