

**Storm Drain Stenciling.** The R&CD assists our local cities in conducting this water quality and environmental education project each year. The project partners with the Boy Scouts, US Coast Guard, and school groups. Brad Roger, Kevin Murphy and Don Elias are contacts for this project.

**Upper Clarks River Watershed Planning Project** involves most of the agencies and groups dealing with water quality. This project is funded by EPA319(h) to develop a Watershed Based Plan for a portion of the Clarks River Watershed. It will also seek funding for a cost-share program to address pathogens found in the water. Other issues under investigation are potential agricultural pollution sources that are not addressed by the EQIP program or CRP (Conservation Reserve Program). The idea is to develop a comprehensive approach to water quality for the entire watershed. Nathan Hicklin is contact for this project.

**Youth DEAL, Inc.** A gift from Pilgrim's Pride Poultry helped establish the Fund for Youth Development. It is governed by a volunteer board, Youth DEAL, Inc., that reviews requests for funds to support mentoring and leadership programs, and life skills and employment training for youth in our service area. Of each yearly \$20,000 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.



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# Jackson Purchase Resource Conservation and Development Foundation, Inc.

## Plan of Work 2006

### GOALS

Sustain our NATURAL RESOURCES  
Improve the QUALITY OF LIFE  
Develop and enhance  
ECONOMIC VITALITY

### 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.

## Board of Directors

This is a list of the Board of Directors for 2006.

James McPherson, President	Carlisle County Fiscal Court
Kevin Murphy, Vice-President	Marshall County Fiscal Court
Donna Davenport, Treasurer	Graves Co. Chamber of Commerce
Tom Hodges, Secretary	Fulton County Fiscal Court
Dan Ellison, Past-President	Graves County Conservation Dist.
Tatia Bradshaw	Fulton County Conservation District
Bob Buchanan	Ballard County Fiscal Court
Rita Burton	Calloway County Fiscal Court
Arthur Byrn	City of Mayfield
Marty Carraway	Calloway County Conservation Dist.
Don Elias	City of Murray
Henry Hodges	Purchase Area Development Dist.
Robert Imhoff	Mid-Continent College
Bill Paxton	City of Paducah
Beth McWhirt	City of Fulton
Tommy Roberts	Hickman County Fiscal Court
Billy Smith	McCracken County Fiscal Court
Tony Smith	Graves County 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
Michelle York	Marshall County Conservation Dist.

**Jackson Purchase RC&D**  
**making things happen**

## Plan of Work 2006 (con't)

**Pirates Cove Cluster Sewage System** is a demonstration and education project located in Pirates Cove along Kentucky Lake. It will serve as an excellent learning tool for both septic system installers and homeowners. This is a combined effort of the JPF, LTRW Team, and the Pirates Cove Homeowners Association. Great strides have been made in construction efforts and toward installation of the system. Project completion is planned for Fall 2006. One Hundred homes are expected to be connected to this system. Steve Lambroff is contact for this project.

**Pirates Cove Homeowners Fund** is the combined monetary fund of the Pirates Cove Homeowners Association. The fund currently holds \$47,910. The 75 homeowners contribute to this effort which is designed to support the cluster sewage system in the future. Steve Lambroff is the contact for this Fund.

**POWER.** The Council will support this effort to improve wildlife habitat along the many miles of utility rights-of-way. The project is statewide through the Kentucky Association of RC&D Councils, Inc. and the Kentucky Department of Fish and Wildlife resources. Brian Clark is contact for this project.

**Precision Agriculture BMP Technology Transfer** - The Council will continue to assist 40 farmers in implementing this four year Precision Agriculture project. Precision Agriculture is a process where farmers apply the required soil amendments according to the need and potential production of each acre. The Council has established an incentive program to encourage grain farmers to purchase the necessary GPS and accessories and sign up with technical service providers for data analysis and develop integrated crop management for their entire operations. The Farmers benefit by reducing costly inputs such as fertilizers and the environment benefits by the reduction in the amounts of potential chemicals runoff. Dustin Renfrow is the contact for this project.

**Four Rivers Watershed Watch** is beginning its seventh year. The program has already received \$2,500 this year from both Tennessee Valley Authority to continue this community based stream assessment program. Visual surveys and water sample collections from various sites in western Kentucky are conducted by a group of volunteers. Water testing results and future efforts for monitoring the clean up of any affected areas are compared at an annual conference. Sixty-Six site will be sampled this year. Dr. Joe Baust is the contact for this project.

**Fire Protection Program.** The Council will support this effort to improve local fire departments so their ISO can be lower saving property owner millions of dollars each year. The plan is for this to be a statewide project through the Kentucky Association of RC&D Councils, Inc.

**KYaRC&Dc Natural Resources Grant Program.** This program is seven projects. Five projects are in four counties addressing natural resource concerns have been completed. One project is still to be completed in Calloway County. Don Elias is the contact for this project.

**NARCDC List Server.** Partnering with the Ore-Cal RC&D in Northern California, the JPF shares the workload of operation, technical support, and maintenance of internet list servers, email, file sharing, and chat rooms availability through Yahoogroups.com. Lisa Rowton and Donna Burcher are contacts for this project.

**Obion Creek Stream Restoration.** The RC&D is assisting the Obion Creek Watershed Conservancy District, the Hickman County Conservation District, Kentucky Department of Fish and Wildlife Resources with the restoration of Obion Creek at the junction with KY-307. The project is engineered by the University of Louisville and funded with In-Lieu-Fee moneys. Dr. Arthur Parola is contact for this project.

## Projects for 2006

**Agricultural Development Funds** are being distributed among many counties in our service area. During 2006 the Council will assist the local Agriculture Development Councils in Ballard County with the Hay Straw and Commodity Storage Program and the Fencing Improvement Program; in Calloway County the RC&D with help implement Hay Straw and Commodity Storage Program; in Graves County the RC&D assets with the Technology Program; Hickman is receiving assistance with the Beef Genetics Improvement Program and in McCracken County two programs are being implemented, Hay Straw and Commodity Storage Program, and the Technology Program. To date, the Jackson Purchase RC&D has received a total of \$866,770 toward these farmer reimbursable programs. County Extension Agents in their respective Counties are the contacts for these programs. One Hundred farmers were expected to be benefited by these programs in 2006.

**Aquaculture Revolving Loan Fund.** This loan fund was established to provide monetary assistance to entities interested in aquaculture ventures to supplement for the hard-hit tobacco industry. As the fund is repaid, it is again loaned to additional entrepreneurs. Currently all funds are loaned out, re-loan with occur when repayment is made. The Council's Executive Committee manages this program. No loans are expected to be made in 2006.

**Aquatic Restoration of Three Mississippi River Tributaries.** This project is to restore aquatic habitat and riparian areas for four federally listed endangered species and eighteen state listed threatened species in Obion Creek, Bayou de Chien, and Terrapin Creeks. Funding is from a Private Stewardship Grant through the USDI Fish and Wildlife Service. Contact for this project is Alan Whited.

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**Calloway County Environmental Studies Project** is an outdoor study area and trail on the campus of Calloway County Schools. Construct of the education project is funded in part by an Urban Forestry Grant. Cindy Cossey is the contact.

**Cane Creek Watershed Planning Project** involves most of the agencies and groups dealing with water quality. This project is funded by EPA319(h) to develop a Watershed Based Plan for Cane Creek a tributary of Bayou de Chien. It will also seek funding for a cost-share program to address pathogens found in the water. Other issues under investigation are potential agricultural pollution sources that are not addressed by the EQIP program or CRP (Conservation Reserve Program). The idea is to develop a comprehensive approach to water quality for the entire watershed.

**Clarks River Trail Project** This trails project is a partnership between the US Fish and Wildlife Service's Clarks River Wildlife Refuge and the Marshall County Fiscal Court. The Council assisted with grant development for the National Recreational Trails Program and will assist with project coordination this year. The project consists of an eight foot by 2,300 foot paved loop trail for pedestrians, bicyclists, slow moving vehicles, and wheelchairs; that joins with a six foot by 10,000 foot gravel trail for use by walkers, joggers, and bicyclists. Both trails will have wildlife viewing stations along their paths. The paved trail will be asphalt laid over compacted Dense Grade Aggregate (DGA). The gravel portion of the trail will be compacted Dense Grade Aggregate laid as a base with quarry fines spread as a topping to assure smoothness for bike riders. The width will be six feet to accommodate two-way traffic. Along the trail will be four kiosks displaying trail and Refuge information. Two will be located at the beginning of the paved trail and two will be on the gravel trail. The trail will have five wildlife viewing stations (blinds) and an observation tower. The blinds will be located along both trails, separated with enough distance to reduce disturbance from

## Plan of Work 2006 (con't)

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multiple use. They will be wheelchair accessible. The trail and Refuge information kiosks, wildlife viewing stations, and observation tower will all be constructed of treated lumber by county labor. Michael Johnson, Refuge Manager and Robert Strow with Marshall County are contacts for this project.

**Clean Boating Campaign** is to encourage boaters to protect water quality. The campaign educates boaters about the availability of boat sewage pump out stations and how to properly use them. The effort also talks about safe handling of fuels around water. This year will be the fourth year the Council has partnered with the Tennessee Valley Authority and the Kentucky Waterways Alliance in their project. Barry Hart and Robert Wise are contacts for this project.

**2006 Earth Day** is a combined effort of the teachers at Ballard County, Carlisle County and Heath Middle Schools and the Jackson Purchase RC&D. An estimated 300 sixth grade students will spend the day participating in a variety of activities all designed to increase an understanding and appreciation of the environment. Several corporate financial sponsors and the local school systems contribute to the Earth Day educational event. Judy Poole is the contact for this project.

**2006 Envirothon.** The RC&D assists the Division of Conservation and our local Conservation Districts in conducting the western division of the statewide Envirothon. The RC&D held Kentucky's first Envirothon. Debbie Hinton is the contact for this project.

**Four Rivers Basin Team** is beginning its sixth year. This successful effort of the JPF, the Kentucky Division of Water, and several local groups has continued to provide valuable information to concerned entities in the effort to combat water pollution, avenues for proper watershed management, effective water quality monitoring and education. Robert Wise is the contact for this project.