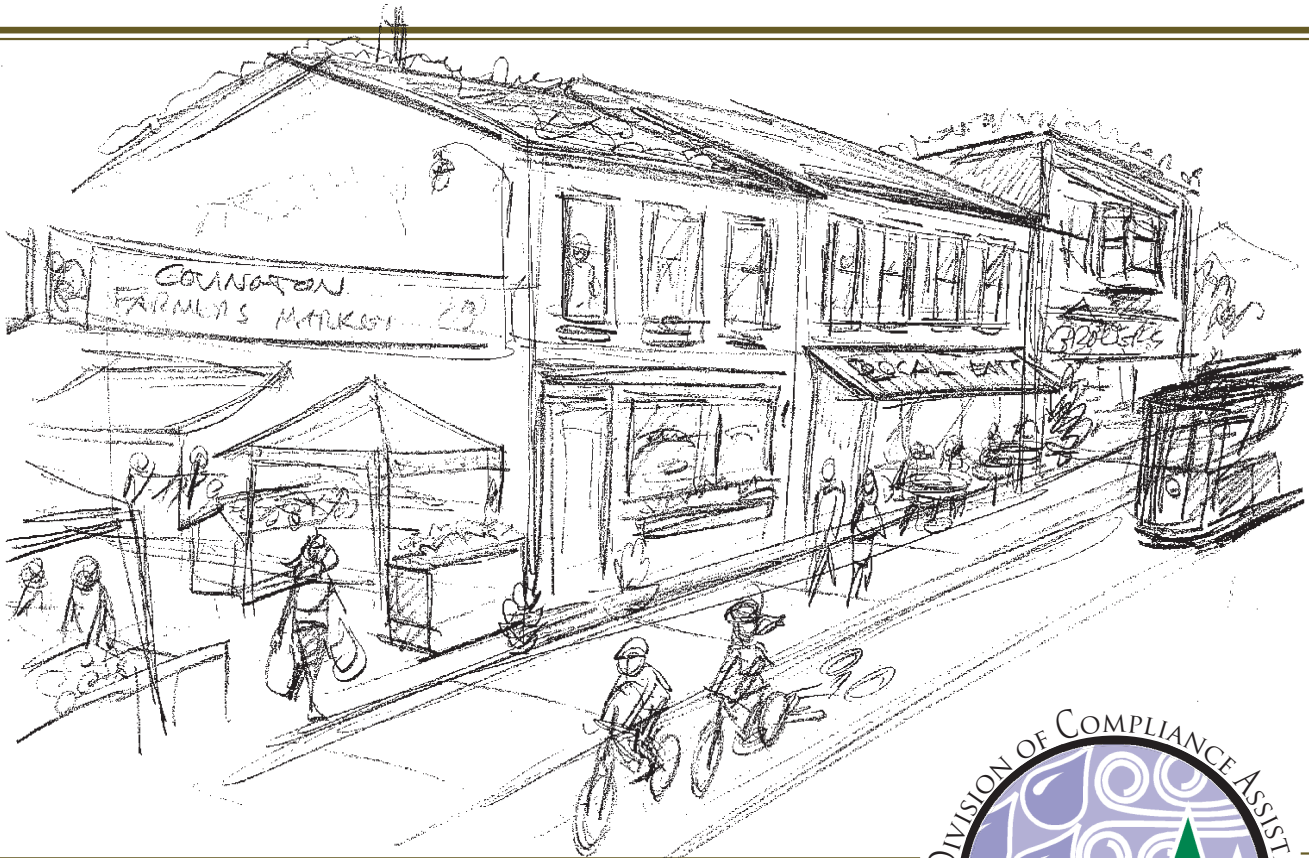
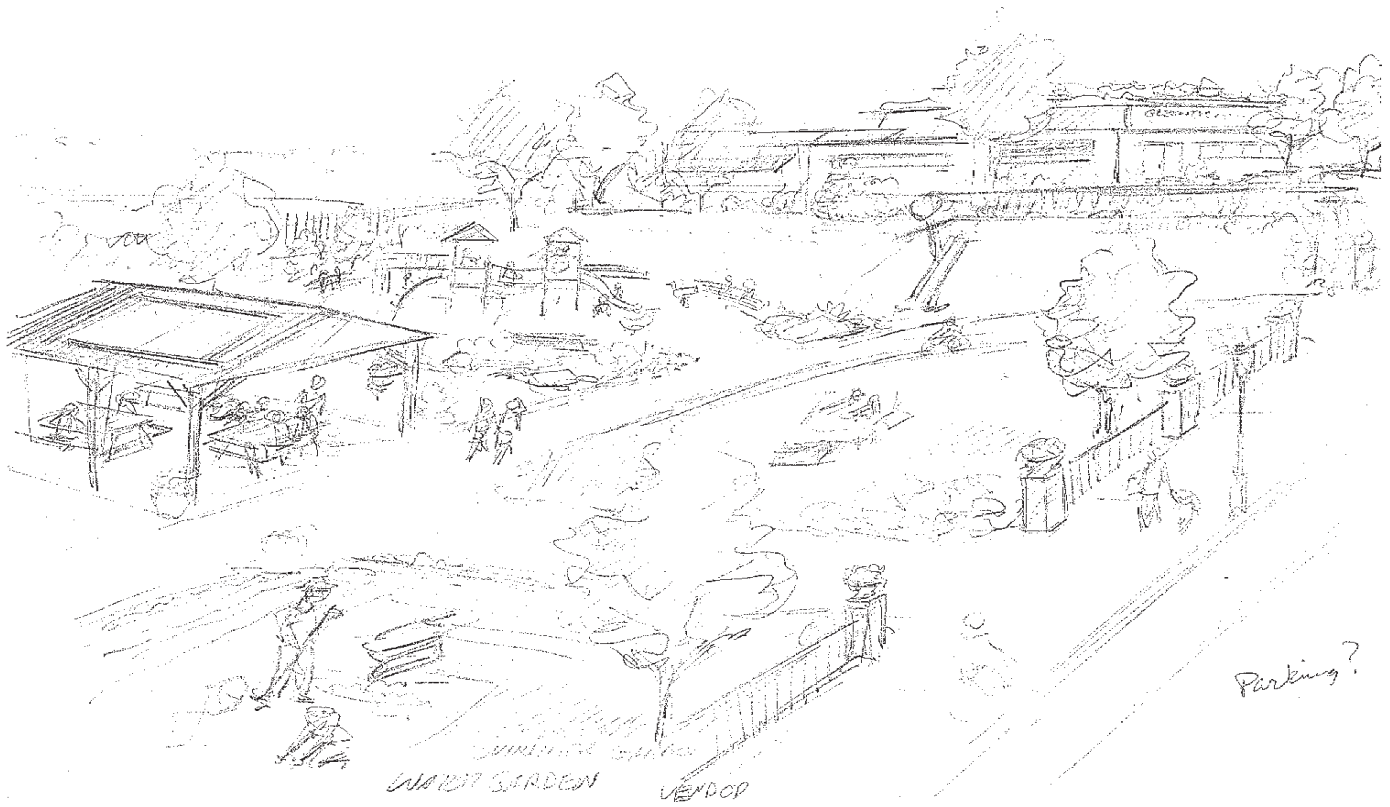


# The Division of Compliance Assistance

*Helping Kentucky Navigate the Road to Sustainability*



*FY 2009 Annual Report—Division of Compliance Assistance*  
Department for Environmental Protection  
Energy and Environment Cabinet



The sketches featured on the cover and throughout this publication are from Vision to Action sessions held in Covington and Flemingsburg by the U.S. Environmental Protection Agency's (EPA) Brownfield Program, the U.S. Army Corps of Engineers, the Division of Compliance Assistance and the Division of Water. This innovative visioning technique has participants draw a picture of what they want their community to look like, share the vision with others and find common ground to base an integrated view of the future. The sketches are composites of everyone's suggestion. The professional artist who draws during the session later gives the community a portfolio of final, color drawings that can be used to motivate people to action, describe their project to others and help procure funding for various projects. The sketches are courtesy of the EPA and U.S. Army Corps of Engineers and artist James Jennings. A special thanks to Jim Waddell who developed and leads the vision integration sessions.



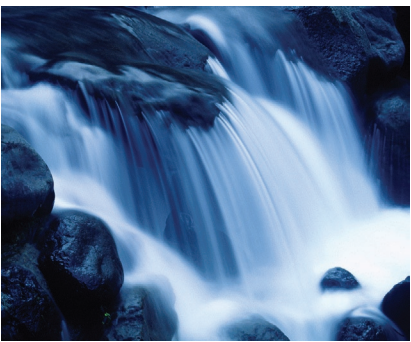
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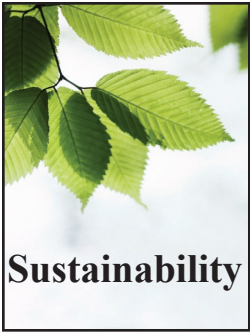
# Meeting Kentucky's Environmental Challenges



Kentucky has many valuable natural assets, from our mountains in the east to the lakes in the west. Because of this natural diversity, Kentucky is blessed with significant economic and social opportunities. However, it is important that these resources are managed in a sustainable manner to ensure that they are available for future generations. Balancing short-term needs with long-term opportunities can be a challenge for Kentucky. However, as with any challenge, there are also opportunities that can be seized.

- Kentucky's energy strategy, unveiled by the governor this year, emphasizes the need for energy efficiencies and energy diversification. Citizens, businesses and communities will all play an important role in this effort. Information and resources will be vital to make this transition.
- More than 6,000 miles of waterways and 100,000 lake acres are impaired in the state. This poses barriers to economic development as well as threatens public and environmental health.
- Although the state has a significant amount of green space, it is being developed at an alarming rate. Kentucky ranks second in the nation in the number of acres developed per person.
- Kentucky's air quality has significantly improved over the last few decades, but there are still improvements that must be made. As this challenge gets harder, more small businesses are becoming affected by environmental regulations.
- While recycling has gained a foothold in the state, 69 percent of recyclable items still end up in landfills and 13 percent of households are disposing of their refuse illegally or are not accounted for by current tracking methods. In 2008, the Kentucky Department for Environmental Protection reimbursed counties more than \$2.2 million for the cleanup of 531 illegal open dumps.

The Division of Compliance Assistance (DCA) is taking an active role in helping Kentucky's businesses, communities and citizens address these and many other needs. The division is also focused on building a path that enables Kentucky to grasp its sustainable environmental future.



***DCA strives to help all of its clients recognize and implement sustainable behaviors that protect and improve Kentucky's environment.*** Being located in a department where the historical focus has been to achieve compliance through mandate and

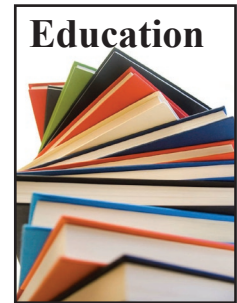
oversight, DCA stands uniquely positioned to partner with Kentucky's corporate and private citizens to proactively build environmental values and facilitate positive behaviors throughout Kentucky. This is being done through partnerships, training, mentoring and technical support. By building sustainable values and behaviors in its clients, the division will leave a legacy that persists long after contact with the client has ended.

***DCA is a technical resource for individuals with environmental questions and needs.*** Let's face it, complying with a very diverse and extensive set of



environmental requirements can be difficult. Even committed and experienced environmental professionals face times when they simply need help. DCA maintains a compliance assistance hotline that allows anyone to seek help with an environmental concern. DCA employees with expertise in air, water and waste management topics routinely respond to questions, provide on-site assistance and, in some cases, even help individuals prepare permit applications and reports. Through this assistance, DCA is providing Kentucky's large and small businesses with the life raft they need to ensure these facilities can meet Kentucky's environmental expectations.

***DCA is providing Kentucky with the knowledge it needs to care for Kentucky's environment.*** In a 2008 survey conducted by the University of Kentucky, more than 3,000 entities regulated by the department were asked what impacted their ability to comply with environmental requirements.



Respondents identified a lack of knowledge regarding environmental requirements as one of the greatest barriers to ensuring environmental compliance. This year, DCA launched an education program that offers diverse and routine training. This training is equipping front-line environmental professionals with the information they need to succeed in their environmental efforts. DCA is looking forward to expanding this effort so it can offer even more of these important training opportunities.



***DCA strongly believes that the future of Kentucky's environment depends on the stewardship of its citizens.***

Every day, people make both large and small decisions in their homes, workplaces and communities that can benefit or harm the environment. As these individuals become more aware of the economic and environmental benefits that result from sustainable decisions, they show a desire to make positive choices and a willingness to participate in environmentally beneficial activities. DCA is pleased to support the growing stewardship of Kentucky's citizens and to provide them with services that facilitate environmental stewardship.

# Improving Environmental Performance

**Did you know** that nearly 30 percent of the environmental staff at Kentucky facilities indicate that they have insufficient knowledge of the environmental requirements that apply to their facilities?

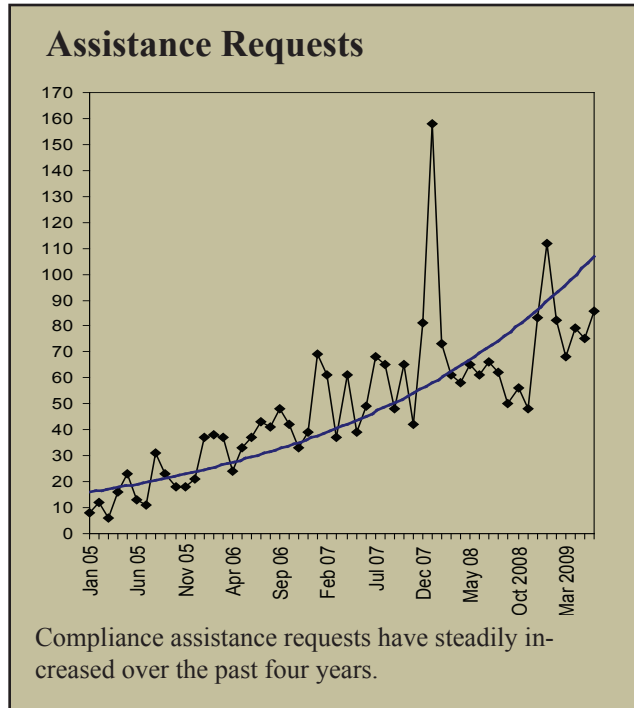


## About the Environmental Compliance Assistance Program

The Environmental Compliance Assistance Program (ECAP) helps businesses, communities and individuals comply with Kentucky's environmental requirements. The program also seeks to build the clients' capacity to make sustainable decisions that maximize their environmental performance.

Program services include on-demand assistance as well as proactive training. A compliance assistance hotline is maintained so clients can seek answers for regulatory questions or obtain advice regarding technical or operational problems. The program's training classes provide participants with the building blocks that they need to understand their environmental responsibilities and maintain a high level of environmental performance.

## On-Demand Assistance



Environmental compliance can be difficult. The variety and volume of requirements can be daunting to even those with good intentions. The Environmental Compliance Assistance Program's team helps clients each day with a variety of questions regarding air, water and waste management issues. Typical client needs include questions

about permitting, reporting and recordkeeping, regulatory requirements and technical aspects of an operation. Over 44 percent of the questions received by the program are concerning permitting requirements and nearly half of the requests are for water related issues. Many needs can be resolved quickly, but others are more complex and require significant staff time to complete. On-site visits, emissions calculations, application assistance and technical research provide much-welcomed services for those struggling with environmental requirements.

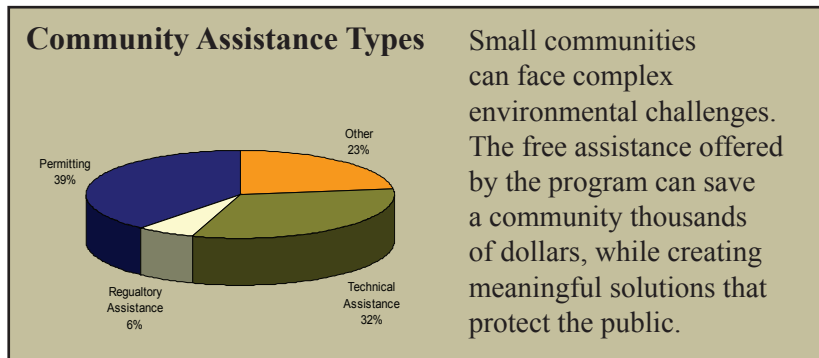
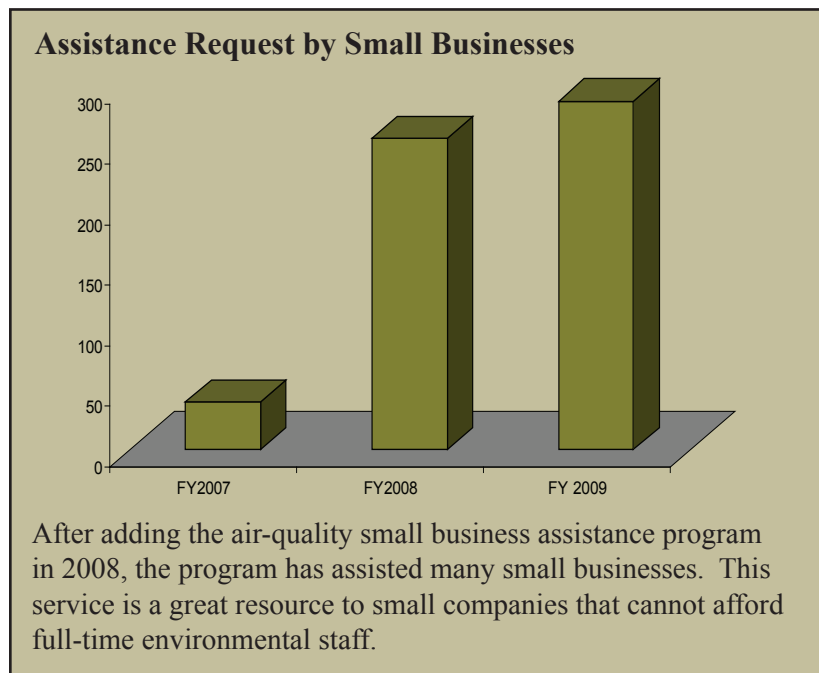


The number of counties ECAP served in FY 2009. DCA's services reached all across the state and a wide variety of clients. The top 10 counties in terms of compliance requests include Pulaski, Daviess, McCracken, Boone, Nelson, Hardin, Pike, Bullitt, Franklin, Fayette, Scott and Jefferson.



# Assisting Small Businesses and Communities

A priority of the program is to assist small businesses and communities. Kentucky is home to many small businesses that serve as the backbone of the state's economy. However, many of these small businesses do not have the financial or technical resources to effectively comply with or understand environmental requirements. The Environmental Compliance Assistance Program provides valuable tools and services to these small businesses. In FY 2009, nearly 300 assistance requests were received from small businesses. Half of these requests dealt with air quality issues. More than 70 percent of the division's small business clients had needs regarding permits and 43 of these clients received in-depth assistance including permit application preparation, emissions calculations or on-site evaluations. The program also provides detailed assistance to Kentucky's small communities. In FY 2009, 48 communities took advantage of this service. Most of the assistance provided to these communities was related to the operation and maintenance of wastewater treatment systems and other water-related issues.



In June of 2009, Kentucky hosted the National Small Business Environmental Assistance Program Conference. The event, held in Louisville, brought practitioners from across the country to learn about tools, techniques and trends in small business assistance. Program staff were instrumental in planning and organizing this event.

## Environmental Compliance Assistance

Program staff participated on a team of state and federal



agencies that worked to bring collision repair workshops to the Commonwealth and other states in the southeast. In October of 2008, the team received a national award for their work on this project.



The Environmental Compliance Assistance Program serves a variety of sectors; however the manufacturing sector dominates with

close to 50 percent of assistance requests coming from that sector. Manufacturers typically face a multitude of environmental requirements dealing with air, water, and waste issues.

# Proactive Training and Educational Resources

This past fiscal year, the program has expanded its training and educational resource services. By educating individuals and businesses before an environmental problem materializes, it is often possible to prevent a problem from occurring in the first place.

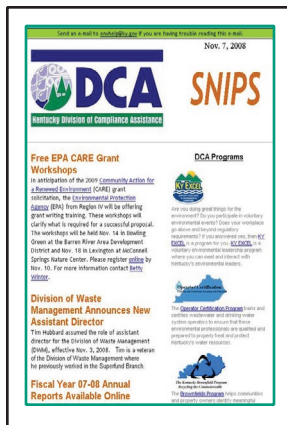
The Environmental Compliance Assistance Program sends out a weekly bulletin, *SNIPS*, that includes environmental news about upcoming training events, proposed regulation changes, resource tools and reference materials available to help improve performance. The program is also providing classroom training on environmental topics. In FY 2009, the program provided training on stormwater, hazardous waste and fugitive dust, as well as more generalized training for specific sectors, such as correctional facilities.

The program is also working on a project to educate and assist owners of commercial gas stations. By proactively providing these facilities with tools that help them routinely assess their compliance and training on how to effectively use these tools, the program hopes to see a significant increase in compliance at facilities that often have compliance problems. This project will also provide the stations with information about opportunities to reduce pollution, increase recycling, save energy and other similar environmental stewardship activities.

## Compliance Assistance Tools

The Environmental Compliance Assistance Program develops a variety of reference materials and tools to help individuals understand their compliance obligations and improve their performance. These materials are made available through the division's Web site at [www.dca.ky.gov](http://www.dca.ky.gov). Examples of materials created or updated in FY2009 include:

- Dry Cleaner Compliance Calendar
- Discharge Monitoring Report Manual
- School Lab Cleanout Manual
- Typical Permits Document
- Topical Fact Sheets
- Compliance Alerts

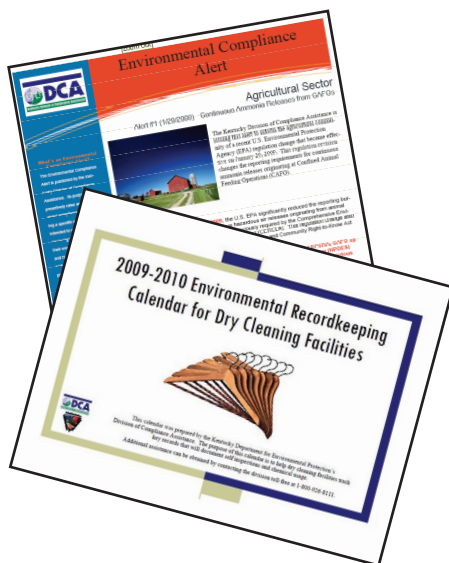


▲ *SNIPS*, the program's newsletter, provides clients with valuable information, including funding opportunities, regulation changes, trainings and other services. There are more than 1,000 subscribers.



**8,000**

▲ Approximate number of people reached through trainings, publications, *SNIPS*, mail, exhibits and presentations.

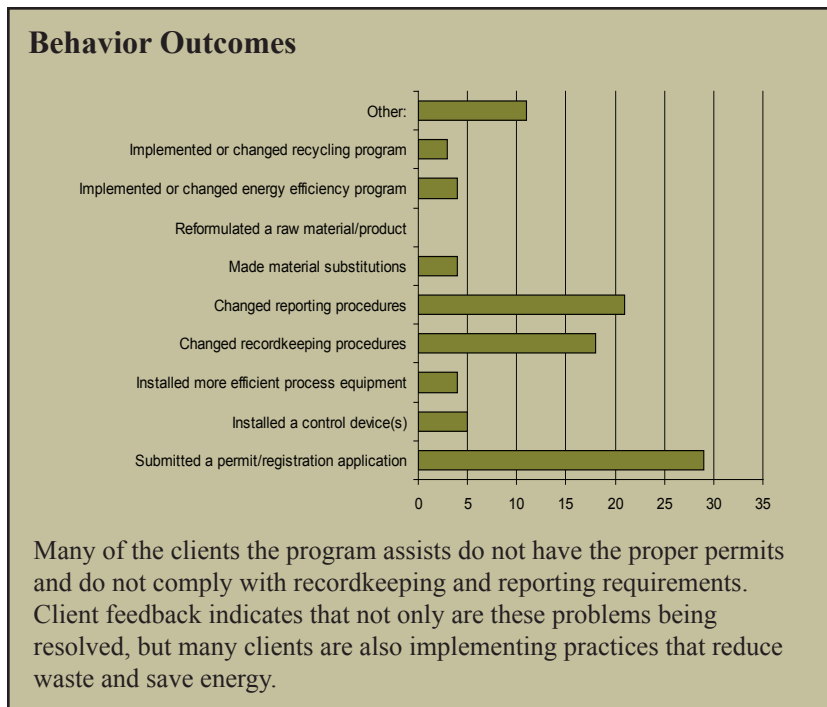
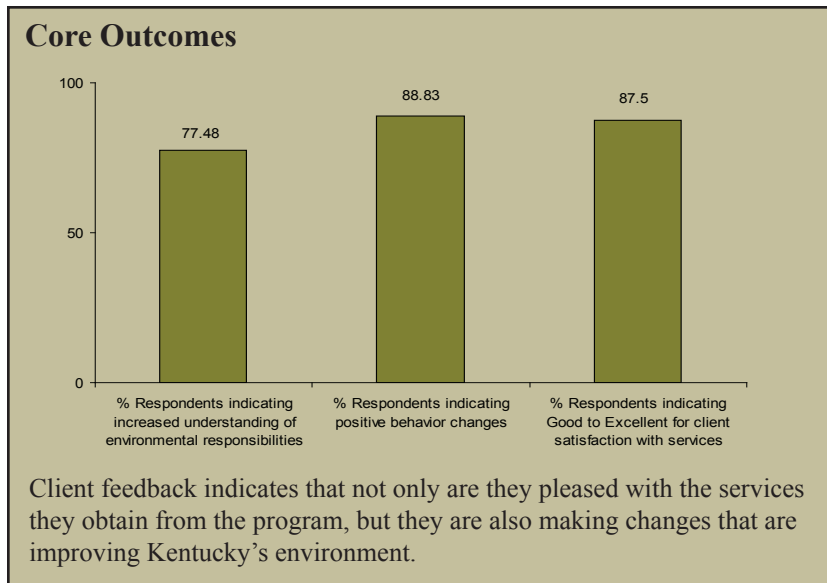




# Results-Oriented

The program routinely evaluates its efforts to determine what service provides the most value and whether the client was satisfied with the assistance the program provided. Three months after assisting a client, the program follows up with the person to check on the progress. In addition, the program assesses the change in knowledge that occurs in participants of program training events.

The results of these assessments are encouraging and prove that compliance assistance is making a difference. People that seek assistance are learning what they are required to do and are making changes that improve their environmental performance.



A recent study by the University of Kentucky surveyed more than 3,000 environmental professionals at large and small facilities regulated by the department.



- 89 percent of respondents indicated that their facility managers had a great or fair level of concern about environmental protection.
- Nearly all (94 percent) respondents indicated that ethical principles motivate their facility leadership to consider environmental issues and compliance during the business decision-making process.
- When asked about the barriers impacting the ability to comply with environmental requirements, respondents indicated:
  - 28% - Too much paperwork
  - 27% - Lack of knowledge
  - 27% - Cost of compliance
  - 12% - Unqualified employees
  - 5% - Poor management support
- Respondents ranked their greatest environmental assistance needs as follows:
  - 1 - Training on environmental requirements
  - 2 - Help preparing permit applications
  - 3 - Information on best management practices
  - 4 - Training on sampling and other environmental procedures
  - 5 - Assistance developing an environmental management system
- Respondents preferred the Department for Environmental Protection as their primary source of environmental information and assistance over all other sources.

# Keeping Our Water Safe and Clean

**Did you know** that about 75 percent of the Earth's surface is covered in water, but of all the water on the earth, only about three-tenths of a percent is usable by humans?



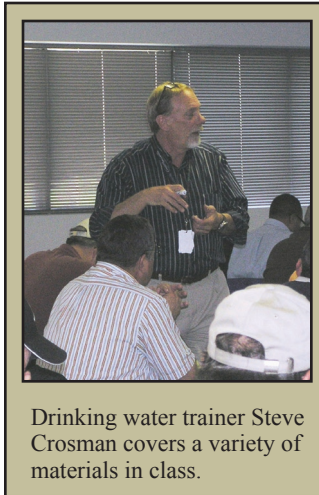
## About the Certification and Licensing Program

The Certification and Licensing Branch ensures that wastewater and drinking water system operators have the basic knowledge needed to ensure that Kentucky's water is properly treated and safe to drink. This is accomplished through education and licensing.

The branch offers diverse training to Kentucky's wastewater and drinking water system operators. Keeping operators up to date on the latest issues and technologies prepares operators for the complex operational challenges that they may face.

Each year, hundreds of applications are received from operators seeking to become certified or desiring to renew their certification. The branch administers the certification process in a manner that ensures qualified operators receive their certifications efficiently.

## Operator Education



Drinking water trainer Steve Crosman covers a variety of materials in class.

The Certification and Licensing Branch offers a wide variety of training classes that cover the cornerstone concepts of drinking water and wastewater operations. These classes are offered at a low cost and in various locations across Kentucky to make sure that as many operators as possible are able to participate. There are two types of training offered by the program— examination preparation classes and continuing education classes.

Examination preparation classes are offered prior to a certification exam event for individuals looking to enter the profession. Operators that are already certified and wish to advance their careers and responsibilities also participate in these classes. Although, this multi-day training is not mandatory, those who attend the courses have a higher pass rate than those who do not.

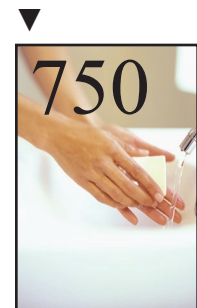
The program's continuing education courses cover more focused topics that refresh operator knowledge, as well as educate them, on new technologies and issues associated with water and wastewater treatment. Operators are required to participate in a minimum amount of continuing education training every two years in order to retain their certification.

Total number of drinking water and wastewater classes offered in FY 2009.



▲ The number of attendees of drinking water and wastewater trainings held by the Operator Certification Program in 2009.

Number of continuing education units available through drinking water and wastewater classes during FY 2009.



## Administration

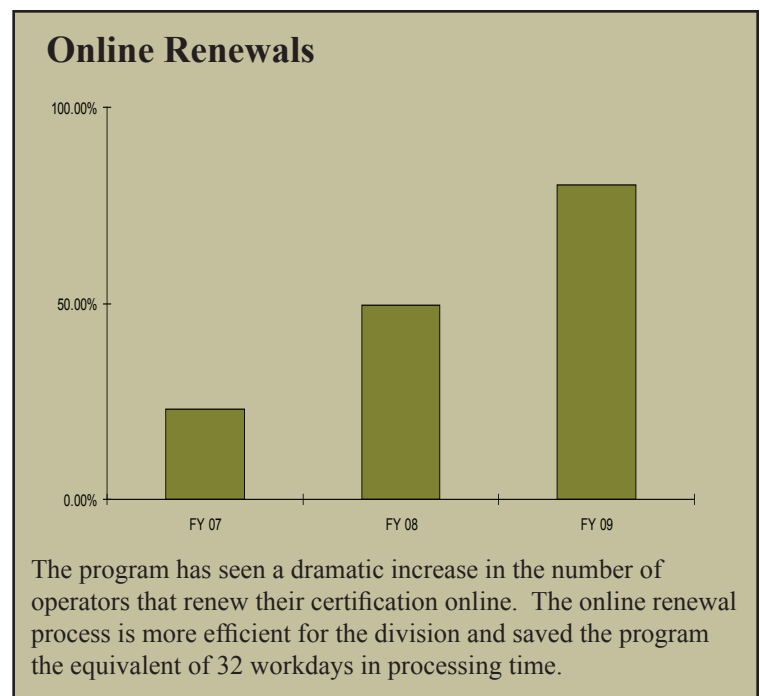
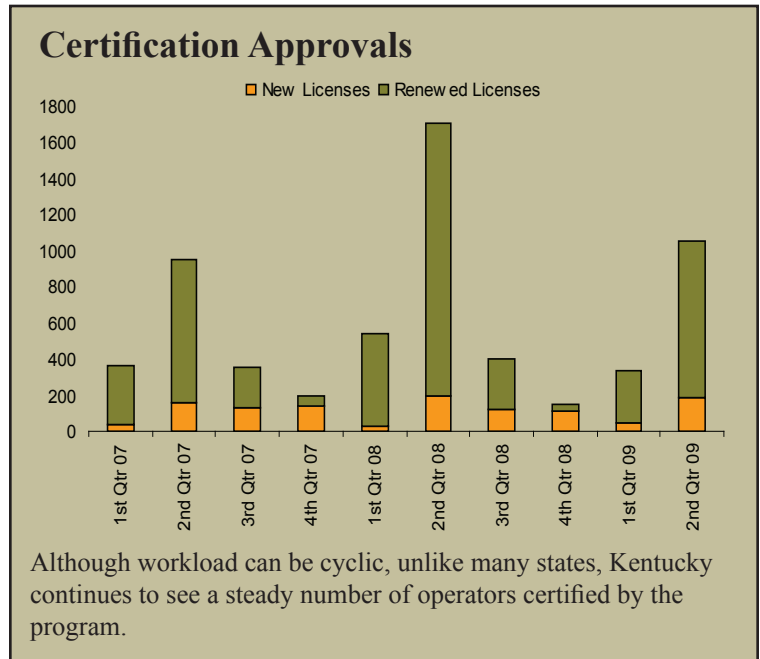
In FY2009, the Certification and Licensing Branch received 1,062 applications from operators wishing to take a certification exam. The program reviewed each application for completeness and verified that the applicant met the minimum educational and experience requirements for the exam being requested. In FY 2009, the division administered 937 exams that resulted in the issuance of 196 new wastewater licenses and 227 new drinking water licenses. The division also renewed 1,467 certifications and approved more than 350 third-party training hour requests.

## Online Tools Prove Successful

The Certification and Licensing Branch continues to enhance the online tools it provides to operators to eliminate paperwork and reduce state and operator costs. This fiscal year, the program modified its Web page to allow operators to electronically register for program training events and pay for the classes with a credit card. This enhancement complements other program online tools, such as eSearch, where operators can track the continuing education hours they earn, and ePay, where operators can renew their certification online. The branch experienced a big increase in online certification renewals in FY 2009 and was able to pass the cost savings back to the operators through a 50 percent discount off the renewal fee.

## Regulation Revisions

In 2009, new wastewater operator certification regulations were promulgated. These regulations updated the administrative process, clarified previous requirements, established an operator code of ethical conduct, modified fees and created a new collection certificate for wastewater systems. This new certification was needed because Kentucky's aging wastewater infrastructure requires specialized oversight to ensure that collection systems safely transport wastewater to the Commonwealth's treatment facilities. By certifying the individuals responsible for the operation of these lines, the program will be able to ensure that these operators are qualified and prepared to address complex challenges associated with infiltration, insufficient capacity and overflows. The program has already issued 41 collection system licenses and anticipates that as many as 800 collection system operators may be certified in the upcoming year.





# Building Sustainable Communities

**Did you know** it is estimated that every \$1 of public money spent to remediate and revitalize a brown-field property produces between \$7 and \$20 in additional private investment?



## About the Kentucky Brownfield Program

Brownfields are properties that are abandoned or underused because people are afraid that the property is polluted. Brownfields can include properties such as old factories, former gas stations, meth labs, mine-scarred lands and old hospitals.

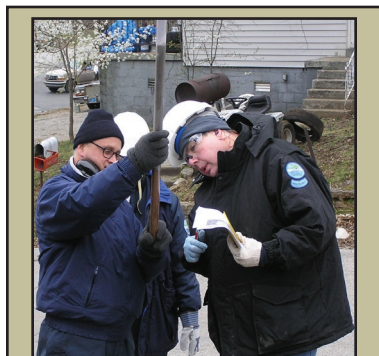
The Kentucky Brownfield Program works with communities and property owners to clean up and revitalize these properties. By recycling property into new, beneficial uses, communities are able to save valuable greenspace and restore neighborhoods. The program assists in these efforts by providing property assessments, grant and technical assistance and training.

The program also works with communities to help them integrate sustainability into their community development. By understanding the long-term environmental needs of their communities, local governments are better equipped to care for the future of their citizens.

## Brownfield Grants

A priority for the Kentucky Brownfield Program is identifying funding opportunities to help address contaminated properties. Each year, the Environmental Protection Agency (EPA) awards grants to communities for the assessment and remediation of brownfield properties. The brownfield program works closely with communities to help them apply for these grants. Kentucky has received \$4 million in brownfield funds over the past three years. In FY 2009, cleanup grants of \$200,000, were awarded to the City of Georgetown and Community Ventures Corporation in Lexington. An assessment grant totalling \$200,000 was awarded to Cumberland Valley Area Development District. Past award winners include Louisville, Owensboro, Frankfort, Letcher County Conservation District and Buffalo Trace Area Development District.

## Brownfield Assessments



Superfund staff examine core samples taken from the Logan County Hospital site.

Determining the degree that a property is contaminated is the first step in the land-revitalization process. An environmental assessment determines what, if any, pollutants are at a site, the extent of the contamination and the concentration of the pollutants. The Kentucky Brownfield Program, in partnership with the Division of Waste Management, offers free assessments to local governments, nonprofits and quasi-governmental

agencies. This service can save communities thousands of dollars and can help jump-start projects.

Assessment activities during FY 2009 include:

- Salyers Bus Station
- Sharpsburg School
- Three Habitat for Humanity properties, Louisville
- Logan County Hospital, Russelville
- Wheelwright Bath House
- Lincoln County Scrap, Crab Orchard
- Vege Manufacturing

## Educational and Technical Assistance

The Kentucky Brownfield Program has developed an outreach and educational program that works to educate people on brownfields, their potential uses and the resources available to facilitate revitalization activities. The staff also assists communities with grant writing, identifying funding sources and managing projects. From technical questions to workshops to site visits, the staff is always ready to help.

Program staff have worked to facilitate educational opportunities on a variety of topics throughout the year. Brownfield Grant workshops, held in the fall, help entities learn the ins and outs of the application process. In conjunction with that event, there is the annual grant review party that aids applicants through peer review of their documents. The staff helped arrange and conduct two EPA CARE Grant Workshops that educated interested parties on the grant. The brownfield program also provides frequent educational sessions at conferences and meetings of entities, such as the Kentucky League of Cities, Kentucky Heritage Council, Area Development Districts and the Department for Local Government.



Another important project in which program staff were involved is the Kentucky Sustainability Institute (KSI). The Kentucky Brownfield Program has partnered with the Kentucky League of Cities, NewCities Institute and other department programs to form KSI, which is a series of workshops and resources meant to help Kentucky's communities go green, be sustainable and grow smart.

The Kentucky Sustainability Institute and the department also worked with the Kentucky Association of Counties to produce the Counties Going Green Workshops for county officials. The KSI toolkit and other resources can be found at [www.kysi.org](http://www.kysi.org). The toolkit, which is available in a CD format, has been distributed to 1,500 people and was featured on the governor's bus tour of the state while promoting his energy plan. KSI received an Earth Day Award from the Environmental Quality Commission.

## Other Projects



Kentucky Brownfield Program staff served on the planning committee of the National Vacant Properties Campaign Annual Conference—Reclaiming Vacant Properties, held June 1-3, 2009, in Louisville. The program has also initiated discussions with other state and federal agencies to establish an organization that fosters brownfield redevelopment in Appalachia.

Energy has also been a focus of the staff. The program has helped identify sites that may be suitable for alternative energy production and development.

During the 2009 legislative session, the legislature passed Senate Bill 27, which established the Brownfield Redevelopment Fund. Over time, the agency will work with the legislature to appropriate money into this fund, which can be used for grants and loans.



In June 2009, the EPA and the U.S. Army Corps of Engineers held Vision-to-Action sessions in Covington

and Flemingsburg to help the communities create a cohesive vision for their futures.



The program received 166 calls through the Brownfield Program Help Desk in FY

2009. The Help Desk answers questions about brownfield redevelopment, cleanup regulations, incentives and a variety of other brownfield topics.



◀ The number of attendees at the annual EPA

brownfield grant writing workshops, CARE grant workshops, Kentucky Sustainability Institute sessions and other informational sessions held by the Ky. Brownfield Program staff in FY2009.

# Greening Kentucky

**Did you know** that recycling one aluminum can saves enough energy to run a television for three hours? Even small acts can have large environmental impacts?

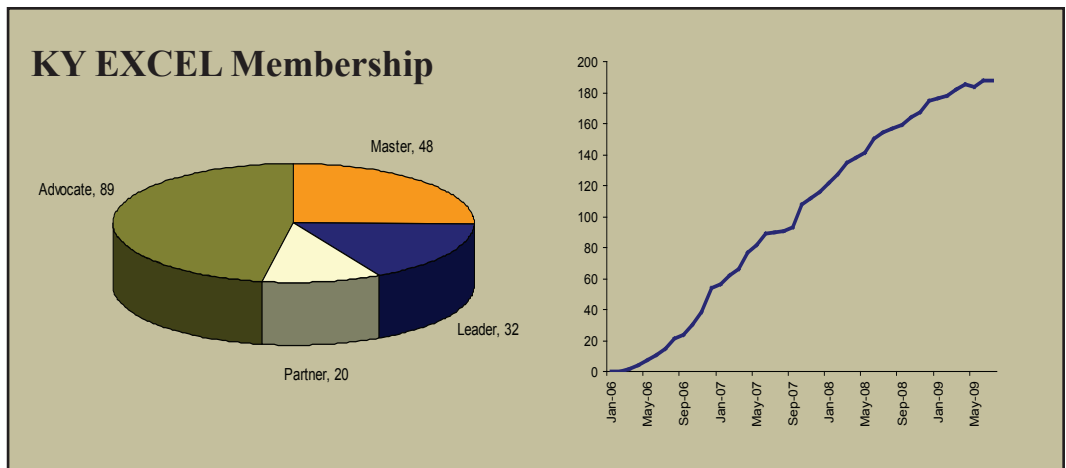


KY EXCEL is a voluntary environmental leadership program that encourages positive environmental actions. By providing simple incentives to encourage participation, KY EXCEL has been able to facilitate the initiation of hundreds of projects that would not have been completed through regulatory programs. These voluntary projects are producing a positive benefit for Kentucky's environment and the health of its citizens.

KY EXCEL membership is open to all individuals, organizations, communities and businesses interested in improving Kentucky's environment.

## Program Participation

KY EXCEL offers four different membership levels. Each membership level has a differing number of commitments and benefits. This allows members to choose a level where they can participate, regardless of their environmental interests and abilities. The Master, Leader, and Partner memberships were created for businesses and individuals regulated by the Department for Environmental Protection. The Advocate membership was created for anyone who is not directly regulated by the department, but still would like to engage in activities that improve Kentucky's environment.



KY EXCEL membership continues to grow steadily. Membership is evenly distributed between nonregulated members (Advocates) and entities regulated by the department (Partner, Leader and Master). These members' contributions are making a positive impact on Kentucky's environment. A complete list of members is available on page 16.



KY EXCEL presents the environmental staff at four Trim Masters, Inc. facilities with their KY EXCEL master membership certificates.



## Member Services

The KY EXCEL Program offers various services as a benefit to KY EXCEL participation. One of the services initiated in FY 2009 is discounted and free training opportunities for KY EXCEL members. In addition to regulatory training offered by the division's Environmental Compliance Assistance Program, the division began offering training on sustainability topics, with KY EXCEL members specifically in mind.

The Green Stormwater Management workshop held in May of 2009 educated members and other attendees about proactive projects that could be completed to prevent water quality problems caused by stormwater. Topics included green roofs, rain gardens and pervious pavement. The division is planning to offer additional sustainability training programs in the upcoming year regarding topics that include, green lodging, green sporting events and green gasoline stations.

In addition to training, the KY EXCEL Program also hosts an annual members meeting. The 2008 event featured a panel that discussed recycling opportunities and challenges. Members were also able to network and discuss their environmental projects and results with others.

## Results

Each year, members are required to report to KY EXCEL on the progress and achievements they made on their voluntary environmental projects. Although the information submitted on these reports varies greatly in detail from one member to the other, KY EXCEL was able to document significant behavioral and environmental changes that occurred as a result of KY EXCEL members' commitments.

### **A few of the accomplishments KY EXCEL members achieved in FY2009 include:**

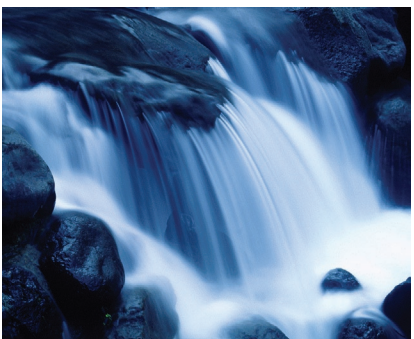
- Spent \$12,653,657 on voluntary projects.
- Saved \$1,109,711 through voluntary projects.
- Contributed 158,581 hours to projects.
- Involved 1,660 people.
- Recycled 1,199,409 pounds of aluminum (about 33.5 million cans).
- Recycled 21,626,000 pounds of universal waste.
- Reduced chemical usage by 257,604 pounds.
- Saved 650,000 miles by carpooling.
- Saved 1,283,165 kWh of electricity (enough to power 142 homes for one year).
- Reduced the hazardous air pollutants generated by 14,022 pounds.
- Reduced hazardous waste generated by 69,495 gallons.
- Recycled 2,692,187 pounds of plastic.
- Recycled 184 cars worth of scrap metal (930,400 pounds).
- Saved 25,100,000 gallons of water.



KY EXCEL members network during the annual member's meeting at the Governor's Conference on the Environment.



# Future Opportunities



The Kentucky Division of Compliance Assistance is proud to have served the Commonwealth for the last five years and looks forward to its future achievements. Since the division was created in 2004, it has focused its energy to ensure that Kentucky's businesses and citizens are given the knowledge that they need to comply with environmental responsibilities. The division has also helped Kentucky reach beyond basic compliance in an effort to achieve environmental excellence. As this report illustrates, these efforts have been fruitful and Kentucky's environment has benefitted from this investment.

As the division moves forward into the next five years, it remains committed to providing services that build the capacity of Kentucky to make positive, sustainable decisions. There are three specific areas where the division will be focusing:

- **Education** - The division will increase its efforts to provide practical and timely information that can be readily applied to improve environmental performance. The division's experience and the testimony of its clients have indicated that there is a significant need for training and compliance resources.
- **Assistance** - The division will serve as a one-stop location for assistance with regulatory and technical subjects related to environmental protection. A special emphasis will continue to be placed on small businesses and communities.
- **Sustainability** - The division will center its efforts in a manner that leads Kentucky to a sustainable future. It will help its clients identify opportunities to responsibly use natural resources in a manner that facilitates economic growth and preserves the quality of Kentucky's environment.

Achieving these objectives will not be easy. It will take time, resources and a commitment on the part of the agency and the Commonwealth to continue the progress that has been made. However, this commitment will allow all of us to follow a path that leads to a safer, healthier Kentucky. The division is prepared to take these steps and invites all of Kentucky's corporate and private citizens to contact the division so we can work together to achieve environmental excellence.

# *Division Mission, Vision and Objectives*

## **MISSION**

The Division of Compliance Assistance exists to provide services that increase environmental knowledge and change behaviors. We do this to improve regulatory compliance, achieve exceptional performance and enhance the quality of Kentucky's environment and communities.

## **VISION**

The Division of Compliance Assistance will influence environmental stewardship throughout Kentucky. Kentucky's citizens will routinely trust the division as an important source of accurate and timely environmental information. Our proactive and innovative efforts will inspire others to take positive actions that improve the health of our citizens and enhance the quality of our environment.

## **OBJECTIVES**

### **Certify qualified environmental professionals**

We will certify and train select environmental professionals to maximize appropriate actions and effective operations at regulated locations.

### **Revitalize brownfield properties**

We will support communities and property owners in their efforts to clean and revitalize underused, contaminated properties.

### **Help entities comply with Kentucky's environmental requirements**

We will assist regulated entities in understanding and complying with their environmental obligations while advocating for those entities underrepresented in the regulatory process.

### **Encourage environmental excellence**

We will facilitate processes that develop environmental leaders and encourage voluntary actions that reach beyond regulatory requirements.





# KY EXCEL Members

## Master Members

American Synthetic Rubber Co. LLC  
TIN Inc. - Temple-Inland  
Louisville Forge & Gear Works Inc.  
Ambrake Manufacturing LTD  
Toyota Motor Manufacturing USA Inc.  
Ahlstrom Engine Filtration LLC  
Toyota Logistics Service Inc.  
Toyota Motor Sales USA Inc.  
Blue Grass Army Depot  
Kentucky American Water Co.  
ISP Chemicals Inc.  
Swedish Match N America Inc.  
AGC Automotive Americas  
Lexmark International Inc.  
American Commercial Lines  
US Army Garrison - Fort Knox  
Angell-Deffel North America  
GE Lighting LLC Kentucky Glass Plant  
Amak Brake LLC  
The Trane Co.  
3M Cynthiana  
ARKEMA Inc.  
Louisville Gas & Electric - Mill Creek Station  
Louisville Gas & Electric - Trimble Co. Generating Station  
Louisville Gas & Electric Co - Magnolia Station  
Masco Builder Cabinet Group  
Dow Corning Corp.  
Trim Masters Inc.- Nicholasville  
Trim Masters Inc.- Bardstow  
Toyota Boshoku America- Letichfield  
Toyota Boshoku America- Harrodsburg  
Sara Lee Food & Beverage - Claryville Plant  
Kentucky Utilities Co. - Tyrone Station  
Louisville Gas & Electric - Paddys Run Station  
Kimberly-Clark Corp.  
International Paper Company  
Dana Corp. - Parish Division  
Makers Mark Distillery Inc.  
Technology Conservation Group Inc.  
Arkema Inc.  
KY Utilities Co. - Ghent Generation Station  
Louisville Gas & Electric - Zorn Generating Station  
Kentucky Utilities Co. - Green River Station  
Progress Metal Reclamation Co.  
Progress Rail Services Corporation, Ashland (Mansbach) Recycling  
Toyota Motor Engineering and Manufacturing North America, Inc.

## Leader Members

Saint Elizabeth Medical Center  
KI USA Corp.  
The J M Smucker Co.  
Westlake Vinyls Inc.  
Lexington Fayette Urban Co. Government  
Northern KY Water Service  
Mubea Inc.- 8212 Dixie Highway Facility  
Mubea Inc.- 6800 Industrial Road Facility  
Mubea Inc.- 8252 Dixie Highway Facility  
Mubea Inc.- 8224 Dixie Highway Facility  
Johnson Controls Inc. - Foamech Plant  
Delta Air Lines  
Interplastic Mfg Co. Thermoset Resins Div.  
North American Stainless  
Gallatin Steel Co.  
River Metals Recycling LLC  
River Metals Recycling LLC- Louisville  
River Metals Recycling LLC- Henderson  
River Metals Recycling LLC- Newport  
River Metals Recycling LLC- Somerset  
River Metals Recycling LLC- Livermore  
River Metals Recycling, LLC- Owensboro  
River Metals Recycling, LLC- Paducah  
Tri State Industrial Services Inc.  
Hanson Aggregates Midwest Inc. - Russellville Quarry  
Hanson Aggregates Midwest Inc. - Tyrone Quarry  
Hanson Aggregates Midwest Inc. - Laurel Quarry

General Motors Corp.  
IT Springwire LLC  
Tokico USA Inc.  
Lafarge North America  
Murakami Manufacturing USA  
Tennessee Valley Authority - Paradise Fossil Plant

## Partner Member

McCammish Manufacturing  
Central Kentucky Fiber Resources LLC  
Noveon Inc.  
Owensboro Medical Health System  
Newpage Corp.  
Bessler Auto Parts  
City of Madisonville  
Toyotomi America Corp.  
Delta Air Lines Inc.  
Emerson Power Transmission Corp.- Sealmaster Bearings  
Emerson Power Transmission Corp.- Gear Co.  
Aisin Automotive Casting Inc.  
United Parcel Service (UPS) - Air Service  
Grupo Antolin KY  
Rumpke of Kentucky Recycling  
Emerson Power Transmission - Sealmaster Bearings  
Jim Beam Brands Co. - Old Grand-Dad Plant  
Katayama American Co. Inc.  
E D Bullard Co.  
Amgen USA Louisville Distribution Center

## Advocate Members

Cheryl Taylor Residence  
Smith Management Group  
Green/Tradewater Rivers Basin Team  
Strand Associates Inc.  
Kentucky Pollution Prevention Center  
Ahmad H. Malkawi  
Bluegrass PRIDE  
Kenya Stump  
Southwestern High School Conservation Club and Raptor Center  
Associated General Contractors of Kentucky  
Eastern Kentucky PRIDE  
Mountain Association for Community Economic Development  
Humana Inc.  
Engineering Consulting Services Inc.  
Kentucky Solar Living LLC  
Mount Saint Joseph  
Two Mules Farm  
Kentucky Water and Wastewater Operators Association  
Microbac Labs Inc. - Louisville Division  
The Earth Angels and Community Hearth Inc.  
American Cave Conservation Association  
Wyatt Tarrant & Combs LLP  
Chestnut Committee of the Kentucky Nut Growers Association  
Barker Family  
Rose Marie & Mike Wilmoth Residence  
Malcolm Pirnie Inc  
Richard Denton  
Copperhead Environmental Consulting, Inc.  
Solar Energy Solutions LLC  
Hype LLC  
Greater Paducah Sustainability Project  
Delta Air Lines Inc - LEX Station  
Merrick Printing Co Inc  
Greenbo Lake State Park  
Kentucky Transportation Cabinet  
University of Kentucky - College of Agriculture  
Kentucky Association for Environmental Education  
Waters Laboratory Western Kentucky University  
Third Rock Consultants  
Kentucky Dept. for Environmental Protection, Division of Enforcement  
Gallery NuLu, LLC  
Concord Health Systems  
Dawson Springs Health & Rehabilitation Center  
Ridgewood Terrace Health & Rehabilitation Center

Tradewater Health & Rehabilitation Center  
Mary Jo Harrod Residence  
Bart Schaffer Residence  
John Eisiminger Household  
Lexington-Fayette Urban County Government Environmental Commission  
5H Technologies  
London Downtown Main Street Program  
WDKY FOX 56 Television  
Lisa Butler  
Russell Area Technology Center  
Saint Agnes Parish  
The Kentucky NEED Project  
WKYT-TV  
Mossy Ridge Farm  
Marvel Golf Club  
Jessica Wilhoite Household  
Veronica Roland Household  
Akers Family Residence  
Bluegrass Partnership for a Green Community  
St. William Catholic Church  
Go Green Campbell County Organization  
Trinity Consultants Inc.  
City of Russellville  
UPS AGB Green Team  
CI Agent Solutions  
Palmer Engineering Co.  
Linebach Funkhouser Inc.  
Shield Environmental Associates  
Brown Hotel  
Shelby and Judy Jett Residence  
EnSafe Inc.  
AMEC Earth and Environmental Inc.  
Kentucky Ready Mixed Concrete Association