

COMPREHENSIVE  
ECONOMIC  
DEVELOPMENT  
STRATEGY



# COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY

KENTUCKY RIVER AREA DEVELOPMENT DISTRICT  
941 N. MAIN STREET  
HAZARD, KY 41701  
606-436-3158



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UPDATE



# Comprehensive Economic Development Strategy

## Rewrite

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# EXECUTIVE SUMMARY

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The Kentucky River Area Development District (KRADD) is a quasi-governmental regional planning agency serving the citizens of Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry and Wolfe Counties. Elected officials and citizens from each county make up the region-wide KRADD Board of Directors.

As an Economic Development District, KRADD is responsible for creating and maintaining a regional Comprehensive Economic Development Strategy (CEDS). This document represents the FY 2018 Update of the KRADD's CEDS document.

Completion of the 2018 update is a result of the gathering of information and the participation by various key stakeholders interested in community and economic development. Some of these stakeholders include area chambers of commerce, tourism organizations, industrial authority board of directors members, local elected officials, educational institutes and private businesses. Through this process we strived to look at both the goals for the region and strategic actions needed to achieve these goals. The CEDS document will act as a guide for the coordination of efforts among local leaders including economic development professionals and agencies.

Success of this plan will be dependent on key stakeholder's participation. It is vital that we continue to collaborate in order to progress economically in our region. Innovation and implementation of new approaches from planning to funding a project are necessary. The downturn of the coal industry in our region has opened the doors for a different mindset of collaborating across county lines in regional efforts to grow our local economy. The aspiration of our local leaders is to improve the quality of life for residents in the KRADD region. We must retrain our skilled workforce and strive to make our region economically competitive to attract new businesses to the area.

KRADD will continue to play an important role of bringing our leaders to the table to work together to set goals and objectives in efforts of improving the quality of life in our region. Our planning efforts will include the development and growth in infrastructure, housing, tourism and recreation. Our goals and objectives are outlined in the following pages as well as how we are building resilient communities for our future.

# SUMMARY BACKGROUND

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The Kentucky River Area Development District region lies in the heart of the Appalachian Mountains of Southeastern Kentucky. For decades coal mining and mining related jobs have been one of the major industries that supported our economy. The downturn in the Coal Industry a few years ago left mines cutting shifts and many others closing their doors completely leaving workers without jobs. This decline trickled down to mine related jobs such as mine service, equipment sales and repair, safety enforcement agencies, engineering firms, law firms, etc. The domino effect has left the local retail and service industry struggling which has left leaders across the region as well as our nation scratching their heads wondering what to do next.

The ever changing demographics of the region present additional challenges; outmigration resulting in a decreasing population, high poverty rates, an aging population, a lower than average educational attainment rate, and the ever increasing unemployment rate. With the decline in the employment opportunities many have left our region in search of jobs.

Although we have seen a slight increase in coal related jobs, the region continues to feel the economic impacts from the decline in the mining industry and related businesses. These impacts are reflected in household income levels, unemployment rates and there is a hesitation by local businesses to make new investments. Unemployment rates in each of the ADD's eight counties have remained high with the average for the KRADD region being 6.6% as of October 2018. The state average for the same period was 4.5%. According to a study from the University of Kentucky, the true unemployment rate for the KRADD region is between 33 to 52 percent.

This economic crisis has led to leaders across the region, state and nation coming together breaking down barriers to build resilient communities. Through the POWER initiative and the collaborative efforts of SOAR (Shaping Our Appalachian Region), the KRADD region is looking beyond coal and breaking a dependency on a single industry. The downturn of the coal industry has left the region with a very marketable workforce that wants to work and is open to learning a new trade or skill. The KRADD region will leverage this resource to bring suitable industry to the area.

Efforts are being made regionally to develop and diversify the workforce of Eastern Kentucky. Eastern Kentucky Concentrated Employment Program (EKCEP) has been instrumental in securing funding to assist former mine related employees to be reskilled to another trade. Since January of 2012 the layoffs have left more than 8,000 coal workers in the 23 county service areas for EKCEP without jobs. Through their Hiring Our Miners Everyday (H.O.M.E.) initiative EKCEP has assisted more than 3,200 to enter training programs, develop new skills and obtain employment.

Education expansion is another major focus for our region. The Galen College recently opened a site in Hazard allowing for high quality education for persons entering the nursing field. Our local Community Colleges and EKCEP continue to work closely together expanding educational opportunities for retraining our laid off mining workers. They partnered to offer programs in computer programming and the lineman training programs as a means to reskill some of our workers.

One of the greatest strengths of the mountain terrain in the KRADD region is the scenic beauty which we need to adequately market in an effort to expand tourism opportunities. The area is home to many lakes, rivers, natural rock formations, caves, waterfalls, hiking trails, etc. These natural features attract tourist from across the nation who love to explore what we take for granted every day. Efforts will continue to plan and develop tourism projects such as hiking and biking trails, ATV trails, equestrian trails, zip lining, cave exploration, fishing, kayaking and canoeing opportunities in our lakes and rivers, rock climbing and rappelling in our natural rock formations, etc. We have the best fall foliage to offer as opposed to anywhere in the nation. The opportunities are boundless for tourism expansion in our region.

Healthcare is one of the top employers in the KRADD region. Healthcare continues to see growth in both employment and investments in facilities. The Appalachian Regional Healthcare (ARH) located in Hazard has recently expanded the hospital adding beds and facilities, cancer treatment facilities, heart center, etc. Juniper Health in Jackson is in the process of building a new facility to expand healthcare opportunities. Healthcare expansions across the region are allowing healthcare needs to be met locally. For decades Kentucky River Community Care was the only Behavioral Health provider in the KRADD region. Now many providers are expanding into Behavioral Health including Primary Care Centers of Eastern Kentucky and UK North Fork Valley Community Health Center. All the healthcare expansions provide for employment opportunities and improvements in the quality of life for the region.

It is the long-range goal of the region to build a diverse, sound economy, with employment opportunities and a strong educational system. The principles that lead our goals, objectives and strategies for future development have remained basically the same and include:

- Assist organizations, local governments, development authorities and others in their efforts to develop the region.
- Develop and market the area as a good place to live and work.
- Target and recruit new industry into the region.
- Develop a skilled workforce that can compete in a global market.
- Assist and support existing business and industry.
- Develop and support new entrepreneurial activities within the region.
- Investment in infrastructure by the public sector.
- Encourage regional approaches to maximize resources.

The following are the categories that we intend to focus on: Growing a diverse economy; Development and expansion of the region's infrastructure; Broadband access throughout the region; Health care and capitalizing on potential economic opportunities related to health care and related technologies; Promoting and fostering entrepreneurial opportunities and small business development; Enhancing and supporting workforce development and education to meet employer needs; Responsible resource utilization; and tourism marketing and development.

Continued use of this strategy and its corresponding updates will promote new ideas and innovations, create a vital link among all sectors of the regional economy and ultimately help provide solutions to mutual problems.

## **PUBLIC / PRIVATE PARTNERSHIPS**

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### **Organization and Management**

A critical element in the creation of the CEDS document is the importance of working together as a region; focusing federal, state, local and private programs and funding toward common goals; and ultimately creating partnerships to stimulate local economic growth.

Local officials, leaders, KRADD board members and committee members as well as KRADD staff utilize individual expertise to identify new ideas, needs and opportunities within their counties and the region. The ultimate goals of this planning process are: 1) to create a two-way flow of information; 2) for the State and the ADD to disseminate information back to the local communities and individuals; and 3) to allow ordinary citizens the opportunity to voice their concerns and needs for their respective communities.

The Kentucky River Area Development District appointed a CEDS committee to guide the creation of this document. The functions of the committee are to provide:

1. Guidance and broad perspective throughout the CEDS development process.
2. Technical expertise.
3. Identifying community and economic development needs.
4. Identifying goals and strategies, and

5. Development of a Strengths, Weaknesses, Opportunities and Threats (SWOT) for the region.

In addition to the CEDS committee, the following committees of the ADD provided invaluable assistance for the district's CEDS:

- KRADD Board of Directors
- Regional Transportation Committee
- Advisory Council for Aging
- Executive Committee
- Regional Water Management Council

Public input also provided feedback for the development of the Strategy. The document was placed on the KRADD website for public review and comment. The public was invited to all committee meetings. All meetings are open to the public, and participation from everyone at the meetings is highly encouraged.

You will find a table listing the Kentucky River Area Development District's Board of Directors in appendix 1.

## **Integration of States Economic Priorities**

The integration of the state's economic priorities as related to Kentucky's Unbridled Future – Strategic Economic Development Plan includes priorities for business climate, business development, Kentucky Brand, sustainability, innovation and technology, and entrepreneurial culture. The five targeted categories include: advanced manufacturing, sustainable manufacturing, technology, transportation and healthcare.

The Kentucky River Area Development District CEDS corresponds with the Commonwealth of Kentucky's priorities for economic development through a number of the goals, objectives and strategies in our action plan.



# SWOT ANALYSIS

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## ECONOMY

Some mining is still taking place in the region. The tables in appendix 9 reflect the decrease in the industry from 2009 to present. The loss of jobs in the mining industry has been detrimental to our region. The unemployment rates in the area continue to stay at a higher rate than the State or National rates. The unemployment rate in the District stands at an average of 6.6% as of October 2018. The region has seen a slight rebound in coal related jobs. However, the economic impact is still seen in the median household income levels, unemployment rates, and the general hesitant attitude of local businesses toward making new investments. Unemployment rates in each of the eight counties as of October 2018 were as follows in the KRADD region: Breathitt – 6.6%, Knott – 6.7%, Lee – 5.9%, Leslie – 7.1%, Letcher -6.2%, Owsley – 7.1%, Perry – 6.5%, and Wolfe – 6.6% The Kentucky unemployment rate during this same time was 4.5% (See appendix 4).

The region has a high percentage of displaced, "discouraged" workers, who no longer actively seek employment and are, therefore, not included in the official unemployment statistics. Therefore, the official unemployment rates in the region are deceptively lower than actual unemployment. A study by the University of Kentucky Appalachian Center stated that the true unemployment rates for this area range from 33 to 52 percent.

Workforce development agencies are attempting to determine the viable employment options for those unemployed from the mining industry to help direct them to a comparable job and allow them to remain located in the region. Eastern Kentucky Concentrated Employment Program (EKCEP), who serves as the region's Workforce Investment Board, has been successful in securing funding to address these workforce challenges and is currently assisting laid off mine industry workers in retraining for other vocations.

Five of the KRADD counties, Perry, Knott, Letcher, Lee and Owsley County are in the process of becoming a Certified Work Ready Community. The other three counties, Breathitt, Wolfe and Leslie have filed their letter of intent. The program is a rigorous certification program to allow

### REGIONAL STRENGTHS:

- Available workforce
- Educational Opportunities/Access
- Collaboration
- Positive Workforce
- Work Training Organizations
- Small Business Support
- Availability of land/industrial parks
- Regional Vision
- Natural beauty
- Natural resources
- Availability of Healthcare
- Technology
- Tourism
- Counties are working to become a Certified Work Ready Community
- Availability of Financial Institutions

communities to demonstrate their workforce quality and help attract industries and jobs.

Retail and service remain among the largest employment sectors in the KRADD region. Economic growth within the District continues to lag behind the State and National performance. Even though personal income has risen over recent years, income from unemployment, retirement, dividends, interest and rent are providing a larger portion of the derived total personal income.

In the Kentucky River ADD area the largest percentage of employees is in the healthcare industry at 27.6%; followed by government workers at 22.8%; the education and service industry employs 15.6%; the retail industry employs 14.6%; Public Administration employs 7%; and, the Mining and quarrying industry at 4.5% of those in the region's workforce. (refer to tables in appendix 4).

Mining and natural resources continue to be among the higher paid wages for the average worker. We continue to see strong growth in the healthcare business. We have seen expansions in many of our healthcare facilities throughout the region allowing for growth in higher paying jobs in the region.

## WORKFORCE DEVELOPMENT

Workforce Development efforts in the Kentucky River region are handled by the Eastern Kentucky Concentrated Employment Program (EKCEP), which administers Workforce Innovation and Opportunity Act (WIOA) programs in the 23 mountain counties that comprise Kentucky's Appalachian Region.

### REGIONAL WEAKNESSES:

- Housing Inventory
- Lack of entrepreneurs
- Lack of infrastructure/no interstate highways
- Negative Perception
- Aging population
- Aging / deteriorating infrastructure
- Lack of marketing our natural resources / tourism
- Education attainment
- Broadband availability is limited
- Lack of jobs for advanced degree holders
- Outmigration of population
- Dependency on a single industry
- Lack of transportation services
- No goals
- Diminishing coal severance funds

EKCEP also manages the Kentucky Career Center JobSight network of workforce centers, which provide access to more than a dozen programs and services for jobseekers and employers.

Services for jobseekers include: job placement, career planning, skills assessment, vocational rehabilitation, G.E.D. courses, education and training information, student financial assistance, on-the-job training, assistance for older workers, and unemployment insurance.

Each JobSight center includes a Career Resources Center where jobseekers can prepare a resume, get information about labor markets and in-demand jobs, access the internet to look for jobs, and use a collection of instructional books and videos on topics that range from successful job interview techniques to time management.

Services for employers include: help with finding, screening and testing job applicants; research on the local labor pool and economy; facilities for interviewing applicants; and help with developing customized or on-the-job training programs.

## INDUSTRIAL PARKS

There are eight industrial business parks located within the Kentucky River ADD region. These sites range from 7.5 acres to 385 acres in size and offer a variety of options for new business locations.

The Panbowl Lake Industrial Park is located in Breathitt County. The site has a total of 31 available acres, with a 12 inch water line on site and an 8 inch gravity sewer line 500 feet northwest of the site. There is a 40,500 square feet speculative building located on a 4.4 acre site located within the park. The Park is owned and maintained by the Breathitt County/City of Jackson Industrial Development Authority. Juniper Health has negotiated the purchase of property for the construction of new a healthcare facility to be constructed and opened by mid-2019 bringing approximately 11 new jobs and retaining 24 jobs.

The Lee County Industrial Park is located 2 miles southwest of Beattyville in Lee County. The site has a total of 27.6 available acres, with a 6 inch waterline and 8 inch gravity sewer line on site. One business, Jackson Energy, is currently located in the park. The Park is owned and maintained by the Lee County Fiscal Court.

The Gateway Regional Business Park is located near Jenkins in Letcher County. There are 283 available acres in the park at this time. The site is served by a 10 inch water line and an 8 inch gravity sewer line. Gas distribution lines were recently installed. There are five businesses located within the park at this time: Pizza



locate in the park.

### REGIONAL OPPORTUNITIES:

- Improved Infrastructure
- Marketing
- New business incentives
- Better education opportunities
- Collaboration between leaders
- Training for Workforce
- Grow existing businesses
- Small business incubators
- Diversification from Coal
- Entrepreneurial support services
- Leveraging our available workforce
- Public/Private Partnerships
- Developing Trail Towns
- Aerospace/aviation technology
- Apprenticeship training programs
- Broadband availability
- Tourism

Wholesale of Lexington, Taylor Metal Roofing & Siding, Inc., W.I.N.G.S. Helipad Evacuation, KRCC and Equitable Productions. The park is owned and maintained by the Appalachian Industrial Authority, a multi-county authority representing Floyd, Knott, Letcher and Pike counties. Negotiations are in the process for two additional businesses to

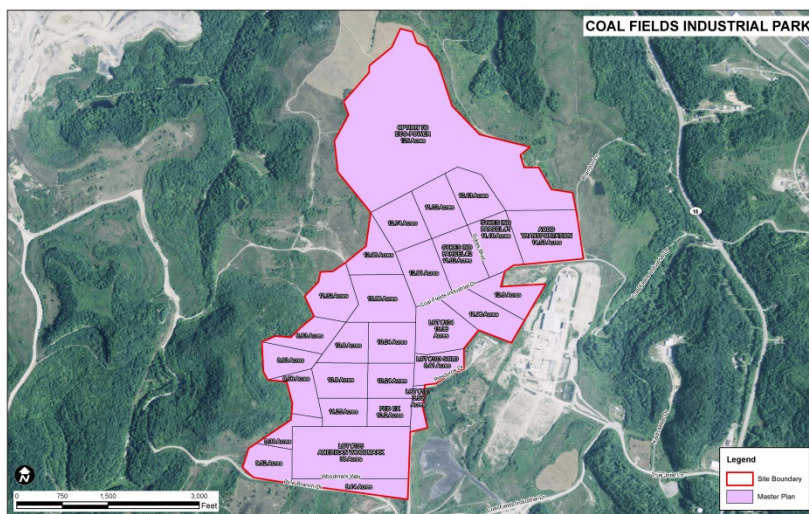
The Whitesburg Industrial Site is located in Whitesburg, Letcher County. The site has 7.5 available acres, with an 8 inch water line on site and a 10 inch gravity sewer line located 40 feet east of the site. There is currently one business, Pine Mountain Lumber, located at the site. The site is owned and maintained by the City of Whitesburg.

The Crystal Creek Industrial Park is located in Beattyville, Lee County. There are 110 available acres. There is a 6 inch water line approximately 525 feet west of the site, and a 4 inch force main sewer line adjacent to the western site boundary. The Park is owned and maintained by the City of Beattyville.

The Lone Oak Industrial Park is located 1.5 miles south of Booneville in Owsley County. The Lone Oak Park has 75.1 acres available at this time, with a 6 inch water line and 8 inch gravity sewer line serving the park. There is one available speculative building within the park: a 25,920 square foot building, located on 4.6 acres. There is one business located in the park at this time, Wolfe Creek Metal Fabrication and Cement. The park is owned and maintained by the Owsley County Industrial Authority.

The Coal Fields Regional Business Park is located 10.7 miles northwest of Hazard in Perry County. The park has a total acreage of 385.7, with 338.1 available at this time. There are 8 inch and 12 inch water lines serving the park, as well as 8 inch and 10 inch gravity sewer lines.

There are seven businesses currently located in the park: Sykes, Inc., FedEx Distribution Center, KSK Services, LLC, Forrester Joseph Trucking, Inc., Cherokee Transport, Inc., Valley Diesel Services, Inc. and Hurley Electrical Contracting. The park is owned and maintained by the Coal Fields Regional Industrial Authority, a multi-county authority representing Perry, Harlan, Leslie, Breathitt and Knott counties.



There is a project in planning stages of running natural gas to the industrial park site.

The Pine Ridge Regional Business Park is located 1 mile west of Campton in Wolfe County. The park has a total acreage of 117.7 with the largest possible tract being 56.6 acres. The site is served by a 6 inch water line and a 6 inch force main sewer line. One business, KY Truss, Inc., is currently located in the park. The park is owned and operated by the Pine Ridge Regional Industrial Authority, a multi-county authority representing Breathitt, Lee, Owsley, Powell and Wolfe counties.

## EDUCATION

The schools in the Kentucky River area strive to meet all state and federal requirements for primary, secondary and post-secondary education. The KRADD Region is served by following K-12 public and private school districts:

|           |                             | <b>SCHOOL TYPE</b> |
|-----------|-----------------------------|--------------------|
| Breathitt | Breathitt County Schools    | K-12               |
| Breathitt | Jackson Independent Schools | K-12               |
| Knott     | Knott County Schools        | K-12               |
| Knott     | June Buchanan               | K-12               |
| Lee       | Lee County Schools          | K-12               |
| Leslie    | Leslie County Schools       | K-12               |
| Letcher   | Letcher County Schools      | K-12               |
| Letcher   | Jenkins Independent Schools | K-12               |
| Owsley    | Owsley County Schools       | K-12               |
| Perry     | Hazard Independent Schools  | K-12               |
| Perry     | Perry County Schools        | K-12               |
| Wolfe     | Wolfe County Schools        | K-12               |

Post-secondary education in the area is provided through the Kentucky Community and Technical College System, with vocational education centers located throughout the area. A listing of education facilities follow:

| <b>COUNTY</b> | <b>INSTITUTION</b>  | <b>LEVEL</b>   |
|---------------|---|----------------|
| Breathitt     | Hazard Community & Technical College, Lees College Campus   | Post-secondary |
| Breathitt     | Morehead State University at Jackson                        | Post-secondary |
| Breathitt     | Breathitt County Area Technology Center                     | Technical      |
| Knott         | Hazard Community & Technical College, Knott County Branch   | Post-secondary |
| Knott         | Alice Lloyd College   | Post-secondary |
| Knott         | Knott County Area Technology Center                         | Technical      |
| Lee           | Lee County Area Technology Center                           | Technical K-12 |
| Leslie        | Hazard Community & Technical College, Leslie County Branch  | Post-secondary |
| Leslie        | Frontier School of Midwifery and Family Nursing             | Medical        |
| Leslie        | Leslie County Area Technology Center                        | Technical      |
| Letcher       | Southeast Community- & Technical College, Whitesburg Campus | Post-secondary |
| Letcher       | Letcher County Area Technology Center                       | Technical      |
| Perry         | Hazard Community & Technical College, Technical Campus      | Technical      |
| Perry         | Hazard Community & Technical College, Main Campus           | Post-Secondary |

#### REGIONAL THREATS:

- Lack of Interstate Highway
- Political Discord
- Outward Migration
- Illegal drug epidemic
- Negative stereotype
- Land affordability
- Diminishing work ethic
- Lack of value in our natural assets for tourism development
- Lack of infrastructure
- Decrease funding on all levels
- Affordability of higher education
- Skilled Workforce leaving area for jobs

Hazard Community and Technical College (HCTC) provides associate's degrees, diplomas, certifications in technology and vocational programs, as well as transfer programs such as Associate in Arts, Associate in Science and Associate in Fine Arts. HCTC also partners with the University of the Mountains to provide baccalaureate degrees from seven four-year colleges and universities.

The University of the Mountains (UMC) is a dynamic consortium of postsecondary educational institutions bringing more bachelors and master's degrees and educational opportunities close to home in southeastern Kentucky. Currently UMC is partnered with Eastern Kentucky University (EKU), Hazard Community and Technical College (HCTC), Kentucky Community and Technical College System (KCTCS), Lindsey Wilson College (LWC), Midway University, Morehead State University (MSU), Northern Kentucky University (NKU), UK Center of Excellence in Rural Health and University of the Cumberlands.

This allows access to undergraduate and graduate level degree attainment for both traditional and non-traditional by overcoming challenges (geographical and financial) that have previously made it difficult for Eastern Kentuckians to earn a post-secondary education by bringing select degree programs closer to home.

Alice Lloyd College located in Pippa Passes in Knott County is the only four-year institution in the KRADD region. However, there are a number of four-year institutions within an hour drive from counties within the KRADD area.

## TRANSPORTATION

The Kentucky River Area Development District is served by two modes of commercial transportation: public highways and railroads.

Only five of the eight counties within the District are accessed by rail: Lee, Breathitt, Perry, Letcher and Knott Counties. The major use of rail transportation is the movement of coal produced in the area which has drastically reduced in the last few years.

The major arterial highways in the ADD include the Hal Rogers Parkway, the Mountain Parkway, KY 80, KY 15, US 119, US 23 and US 421. These major roads along with the network of state secondary and county roads comprise the highway transportation system within the ADD.

There are no commercial air transportation systems within the ADD. Air transportation is available to citizens at Lexington, KY, Knoxville, TN, and Bristol, TN. These commercial airports are all within 1.5 to 2.5 hours driving time from the District.

There are two public airfields in the District which serve the aviation needs of the counties in which they are located. The Julian Carroll Airport, located near Jackson, provides service for small private aircraft. However, the airport does not have adequate runway for larger commercial or corporate aircraft. The Wendell Ford Airport in Perry County has the capacity to accommodate small private aircraft as well as corporate and commercial jet flights.

There is no commercial water transportation within the District. Lee County and the City of Beattyville are the only areas within the ADD that are located on the main stem of the Kentucky River; however, channel siltation and lack of maintenance of locks and dams has limited water transportation to small pleasure craft and fishing boats.

Transportation planning in the District is primarily undertaken by the Kentucky River ADD's Regional Transportation Committee in conjunction with the Transportation Cabinet's District Highway offices serving the eight county Area. Prioritization is done by the Regional Transportation Committee and a list of priority projects are identified in the Strategic Projects section of this report.



## INFRASTRUCTURE

There are currently 10 municipal wastewater treatment plants and 5 Special District wastewater plants in the Kentucky River ADD region. These systems serve a total of 76,911 households. Also in the region are 44 package treatment plants serving a variety of businesses, schools, private dwellings, industrial sites, and subdivisions. Only about 20 percent of households in the region are served by municipal or package sewer treatment plants. The remaining households in the area rely on septic systems or illegal straight line pipes to streams to dispose of waste water.

There are 17 water systems in the region, 10 of which have their own water treatment plants. These systems serve a total of 32,787 households. The remaining households in the region rely on private wells, cisterns or hauled water for their potable water needs. Utility providers throughout the region continue to identify and plan for additional projects through the Kentucky River Water Management Council. Project prioritization for these infrastructure projects can be found in the Strategic Projects section of this report.

The following is information on existing wastewater systems in the District:

| SYSTEM LOCATION                   | DATE BUILT OR UPADED | DESIGN (GPD) | AVG DAILY FLOW (GPD) | TYPE DISCHARGE | CUSTOMERS |
|-----------------------------------|----------------------|--------------|----------------------|----------------|-----------|
| Beattyville                       | 1996                 | 300,000      | 248,000              | River          | 737       |
| Booneville                        | 1997                 | 200,000      | 250,000              | River          | 280       |
| Campton                           | 2004                 | 320,000      | 213,000              | Stream         | 385       |
| Fleming-Neon                      | 1988                 | 520,000      | 162,233              | River          | 794       |
| Hazard                            | 1995                 | 3,000,000    | 1,859,370            | River          | 2,501     |
| Hindman                           | 1997                 | 120,000      | 147,000              | Stream         | 310       |
| Hyden                             | 2005                 | 200,000      | 118,000              | River          | 558       |
| Jackson                           | 1992                 | 750,000      | 551,000              | River          | 1,184     |
| Jenkins                           | 1991                 | 600,000      | 45,000               | Stream         | 723       |
| KCWSD - Ball Creek                | 2012                 | 100,000      | 2,000                | Stream         | 30        |
| KCWSD - Pippa Passes              | 1985                 | 100,000      | 100,000              | Stream         | 106       |
| LCWSD - Millstone                 | 2001                 | 9,000        | 2,000                | Leach field    | 22        |
| Perry County Water & Sewer        | 1969                 | 100,000      | 100,000              | Stream         | 128       |
| Perry County Sanitation - Chavies | 2015                 | 110,000      | 44,000               | River          | 78        |
| Perry County Sanitation           | -                    | -            | 77,392               | KISOP          | 607       |
| Whitesburg                        | 2009                 | 600,000      | 133,000              | River          | 947       |

The following is Information on existing water systems in the District:

| SYSTEM                            | DATE BUILT OR UPGRADED | DESIGN (GPD) | CURRENT DEMAND (GPD) | INTAKE SOURCE      | STORAGE CAPACITY | CUSTOMERS |
|-----------------------------------|------------------------|--------------|----------------------|--------------------|------------------|-----------|
| Beattyville                       | 2008                   | 2,000,000    | 742,000              | North Fork         | 1,670,000        | 2,727     |
| Booneville                        | 1987                   | 720,000      | 381,630              | South Fork         | 1,503,500        | 1,570     |
| Breathitt Co. Water District      | -                      | -            | 183,953              | Jackson (Purchase) | 1,261,000        | 1,786     |
| Village of Buckhorn               | -                      | -            | 37,028               | Hazard (Purchase)  | 250,000          | 275       |
| Campton                           | 2011                   | 1,000,000    | 431,614              | Campton Lake       | 1,261,000        | 2,226     |
| Fleming-Neon                      | 1983                   | 360,000      | 273,066              | Mine Shaft         | 800              | 1,063     |
| Hazard                            | 2002                   | 5,000,000    | 3,758,605            | North Fork         | 10,745,000       | 8,686     |
| Hindman                           | -                      | -            | 167,603              | KCWSD (Purchase)   | 645,000          | 880       |
| Hyden                             | 2012                   | 1,500,000    | 1,098,000            | Middle Fork        | 2,130,480        | 3,676     |
| Jackson                           | 2005                   | 2,500,000    | 1,532,000            | North Fork         | 695,000          | 2,398     |
| Jenkins                           | 1986                   | 1,000,000    | 400,000              | Elkhorn Lake       | 450,000          | 874       |
| Knott Co Water & Sewer District   | 2009                   | 4,000,000    | 1,722,000            | Carr Fork Lake     | 1,965,100        | 2,883     |
| Letcher Co Water & Sewer District | -                      | -            | 304,888              | KCWSD (Purchase)   | 665,000          | 3,000     |
| Mount Carmel High Boarding School | 1977                   | 9,000        | 7,178                | 2 wells            | 10,000           | 13        |
| Perry County Water & Sewer        | -                      | -            | 126,219              | KCWSD (Purchase)   | 434,000          | 983       |
| Phoenix Place Water System        | -                      | -            | 28,000               | KCWSD (Purchase)   | 212,000          | 198       |
| Whitesburg                        | 1994                   | 860,000      | 608,000              | North Fork         | 1,335,000        | 1,247     |

## TOURISM

As jobs decline from the mining recession, tourism has sparked a great deal of interest across our region. The KRADD region is located in the foothills of the Appalachian Mountains of Eastern Kentucky. As we look to advance tourism opportunities throughout the region, in collaborative efforts we will showcase our natural assets.

Governor Matt Bevin signed House Bill 156 on August 31, 2017 at the KRADD Conference Center, an ACT promoting outdoor recreation and tourism development by establishing the Kentucky Mountain Regional Recreation Authority. Many of our counties already have established ATV trails, hiking trails, horse riding trails, etc.

The area is home to many lakes, rivers, natural rock formations, waterfalls, hiking trails, etc. These natural features attract others throughout the nation.

In Letcher County you can hike the Pine Mountain Trail State Park, visit Lily Cornett Woods and shop the Antique shops between Isom and Blackey on KY Route 7. You can enjoy a day at the Fishpond Lake, hike to Bad Branch Falls, drive the Little Shepherd Trail, take in the breathtaking view from the top of Pine Mountain. Letcher County is home to the several annual festivals such as the Mountain Heritage Festival and the Isom Days Festival which includes an annual rodeo, etc. In Jenkins you can enjoy a day golfing at Raven Rock Golf Course, take a picnic at Raven Rock, do a little fishing at Jenkins Lake, etc. The list goes on and on of tourism activities available in Letcher County, Kentucky.

Knott County is host to an annual spring and fall horse trail ride. This week-long event includes camping and a music venue from popular artist. This event brings in hundreds of people from around the nation each year. You can enjoy a day boating, fishing, jet skiing, swimming and camping at Carr Fork Lake. The ATV Center host events for ATV riding, racing, rock climbing championships, etc. Hunting opportunities are endless with the wildlife population. The Sportsplex Center hosts numerous events each year such as the Kenny Woods Gun and Knife Show.



Lee County, Kentucky is home to world class rock climbing with the many natural rock formations in the Red River Gorge area. Beattyville is where the three forks of the Kentucky River merge providing some of the best canoeing and fishing in the state. You can enjoy hiking, biking, horseback riding or zip lining tours. Beattyville is host to the annual Woolly Worm festival. Visit the museum and war memorial dedicated to those who have served our country.

The Breathitt County Honey Festival is an annual event in Jackson, KY. Breathitt County is host to one of the best wildlife viewing sites located at the Southfork Elk Viewing Station. Take in a horse back trail ride in both Spring and Fall. Panbowl Lake is one of the better game fishing lakes in all of Kentucky. Visit Douthitt and Kiwanis Park for a day of baseball, cooling off in the splashpark, canoeing in the river, etc. You can grab a day of golf at Sugar Camp golf course.

Enjoy a weekend with food and festivities at the Mary Breckinridge Festival in Hyden, Kentucky. The Daniel Boone Trail system creates a playground for ATV's, dirt bikes, side-by-side's, horseback riding and hiking. Take on a weekend of camping, boating and fishing at Trace Branch Recreational Area of Buckhorn Lake. Leslie County is an excellent place for hunting and wildlife viewing. During redbud blooming season you can visit the Redbud Capital of the World right here in Hyden, Kentucky.

Enjoy a day of golf at the Sag Hollow Golf Club in Owsley County. The Daniel Boone Festival is held annually to celebrate Owsley County's cultural heritage with fun, music, food and fireworks. Owsley County host a two annual horse shows and trail rides showcasing the county's stunning, scenic beauty. The South Fork of the Kentucky River provides good fishing and canoeing. Take in a day of Noble's Pioneer Museum in Lerosé or hike to the Abraham Lincoln's Rock.

Wolfe County is located in the heart of the Red River Gorge area and has so much to offer tourist. It features adventurous activities from hiking, zip lining to rock climbing. You can take in the natural rock formations of Chimney Rock and Creation Falls. Enjoy a day of canoeing or fishing at Campton Lake. The rolling hills offer great hunting, hiking and sight-seeing for wildlife. Go kayaking or ride a pontoon in an underground mine. You can find lodging in cabins, yurts and camp sites. Campton is host to the annual Wolfe County Swift Silver Mine Festival.

All trails in Hazard and Perry County lead to adventure and excitement.

Trails for your personal adventure include walking, biking, horse-back



riding, ATV/dirt bike trails, sight-seeing tours, quilt-block tours and specialty shopping. Buckhorn Lake offers boating, jet skiing, camping, fishing, hiking, and overnight lodging. The scenery year round from the lodge is stunning. Watch a Civil War reenactment, take in a horse show, or enjoy great food and festivities at

the annual Perry County Fair or the Black Gold Festival. Hazard is the only place in the world you can visit the only Mother Goose House.

The KRADD region has many tourist activities to offer and efforts will continue to plan and develop projects throughout the area.



## **TECHNOLOGY**

To move our region forward economically it is necessary to advance with technology. Private businesses, government agencies, the healthcare industry and educational institutions depend on internet access and high speed internet accessibility to compete in today's digital world.

EKCEP is currently promoting and recruiting participating companies on behalf of its Teleworks USA division. Teleworks USA identifies and develops legitimate remote-work, distance learning opportunities, and helps to prepare people for the jobs. They accomplish this by training them in necessary teleworking skills, working with them on creating résumés and developing superior interviewing skills. Then assist people in applying for and obtaining legitimate work-from-home positions through its website [www.teleworksusa.com](http://www.teleworksusa.com).

Assessment of the region's broadband use and local government e-services continues. Broadband service is widely available; however, certain geographic areas do not have adequate access. The Kentucky Wired, statewide broadband network will be a network of more than 3,000 miles of fiber optic cable for broadband. This high-capacity, high-speed middle-mile network will bring access closer to communities. Local service providers will be able to tap into the network to provide last mile services to homes and businesses currently unserved.

With the availability of high-speed internet brings opportunities to bring jobs to our region with the ability to work from home for companies around the world. The Tech Hire Initiative prepares workforce for technology-related employment opportunities.

## **ENVIRONMENT**

The natural beauty of this region drives a large portion of the tourism industry. Lakes, streams, mountainous terrain, and wildlife are the natural attractions for a strong tourism industry.

Historically the region has been plagued by residents and visitors who have disposed of trash in environmentally harmful methods. In addition, the lack of public wastewater services coupled with inappropriate land use and poor soil quality have resulted in polluted waterways. Significant progress has been made in these areas but there continues to be a need for major investments in public infrastructure to alleviate these issues.

Each of the counties in the KRADD region hold annual clean up events to pick up trash along our roadways and remove old appliances, junked vehicles, used tires, etc. from our communities and waters. Perry County has initiated a "Perry Proud" brand in efforts to encourage residents to be good environmental stewards. Annual events are held to clean up our state parks and lakes.

Projects are being in the process of being planned and developed to bring public sewer service into unserved areas to clean up our water ways. Mandatory trash collection ordinances have been passed in our counties to alleviate illegal trash dumps in our communities. Although progress has been made, we still have education, planning and project development to achieve to continue on our path of improving the environment we live in.

## **POPULATION OF THE REGION**

The population trends were analyzed for the KRADD region from 1990 to 2010 as shown in Appendix 4. The population of the KRADD region has declined in excess of 7% over the past 20 years. Wolfe County is the only county in the KRADD region seeing a population growth during the same time span. The counties seeing the largest decrease over the 20 years is Leslie County with 17.3%, Breathitt County with 11.6%, Letcher County with 9.2% and Knott County with 8.7%. Outmigration from the downturn in the coal mining industry is the largest factor affecting population decline.

## **AGRICULTURE**

In 2012 there were 882 farm operations on 135,031 acres of land in the KRADD region. While direct employment in the sector is small, secondary linkages produce hundreds of jobs in the region. Agriculture still plays a vital role in the economy of the region, contributing millions of dollars from the production of crops and livestock.

As part of a statewide initiative to capitalize upon the numerous agricultural linkages and opportunities for economic growth a program called KADIS (Kentucky Agricultural Data Information Systems) is being developed. KADIS is a partnership between the KY Department of Agriculture, the Governor's Office of Agriculture Policy, the US Economic Development Administration, and the Area Development Districts. It seeks to promote and develop greater linkages among the many farmers, businesses, agencies, institutions, and individuals who collectively play a part in the agri-economy. The project will result in an inclusive geographic database of agricultural resources, information and assets across the Commonwealth of Kentucky. It can be found at <http://kadisonline.org>.

This web-based GIS driven system will create an emphasis on linkages and integration towards future planning and projects that affect the agriculture economy. It is anticipated that the information will become a collaborative dataset available to a wide range of users to enhance development of locally produced and sold agricultural and related products.

Some of the datasets in KADIS include:

- Sites/buildings suitable for agricultural businesses and industry
- Soils data
- Existing agri-businesses and facilities
- Disaster prone facilities, crop loss data, etc. Agricultural friendly land use regulations

- Kentucky Proud facilities, farmers markets, organic products, etc.
- Bio-energy resources/produce and local food resources
- Distribution/aggregation facilities
- Livestock resources
- Land uses including prime farmland, environmentally sensitive and protected areas, etc.
- Workforce development/technical training resources and programs
- Crop production information
- Transportation resources (rail, ports, etc.)
- Linkages to other resources such as water, sewer, etc.

## **DISASTER MITIGATION AND RESILIENCE**

The KRADD region is vulnerable to many forms of natural disasters. Due to the topography, the eight counties in KRADD suffer from frequent flooding disasters, particularly flash flooding. The frequency of these events puts local governments in the position of often times not fully recovering from damages from one event before another occurs. Wildfires destroy thousands of acres of our timber forest every year. Major snow storms, ice storms and droughts are among others our region faces regularly. All these leave devastating economic impacts on our communities. The end result is that the cities and counties in the region find it difficult to focus on long-term economic development projects and planning.

As the area is at risk for so many natural disasters, KRADD through a local planning process in collaboration with our local leaders throughout the region developed the Hazard Mitigation Plan. The plan was originally adopted in 2006 but was updated in 2011 and 2016. The plan provides risk assessment data and mitigation strategies to provide a basis for dealing with risks to life and property from various hazards. It serves as a guide to our cities and counties to outline preparations and responses in reducing the severity of the impact of natural disasters.

In addition to updates to the information in the KRADD Hazard Mitigation Plan, resiliency planning is becoming part of our conversations. Pre-disaster planning and disaster response will become a greater focus area for the region. Included in this effort would be the identification of recovery resources, business continuity planning, shelter identification, communication plans, and recovery activities that are immediate, short-term, and long term. Addressing the special needs and the most vulnerable populations will also need to be included. Identifying first responder needs will be a part of the pre-disaster planning so that resources can be available in advance of disaster events. Helping our businesses resume normal operations is also part of the conversations.

Preventing a natural disaster is impossible; however, educating our residents of the dangers of those natural disasters is important to saving lives. Teaching our residents to be prepared for emergencies is vital to the recovery. Education is a method of building a resilient community.



## **ECONOMIC RESILIENCE**

The KRADD region has become an example of why it is important to plan for economic resilience. The downturn of the coal industry has left our area economically distressed. The loss of coal mining jobs has resulted in the loss of coal severance tax funds for our cities and counties to fund projects and in search of ways to produce revenue to balance budgets. It has resulted in a loss of population as many migrate to other areas in search of jobs. Coal mining has played a major role in the KRADD economy for decades. We have relied solely on this single industry to keep our economy going.

As a result of this downturn, our region has learned to plan for resiliency. For economic development resiliency includes the ability to quickly recover from a disruption, the ability to withstand a shock or disruption and the ability to avoid the shock altogether. In our efforts to overcome the disruption, the KRADD region is looking to diversify and break the single dependency on coal.

The KRADD region will continue to build economic resilience through steady-state and responsive initiatives to include:

### **Steady-state initiatives:**

- Build a resilient workforce that can better shift between jobs and industries;
- Continue comprehensive planning efforts that include the integration of hazard mitigation, transportation, infrastructure and other planning efforts;
- Target and develop emerging clusters or industries that build on our unique assets and competitive strengths;
- Continue to maintain site data for our industrial parks and other commercial assets; and
- Provide business support for retention and expansion programs to assist with economic recovery.

### **Responsive Initiatives:**

- Collaborate on hazard mitigation plans;
- Coordinate between key stakeholders in efforts to plan for short-term and long-term recovery needs;
- Establish information networks between various stakeholders; and
- Conduct pre-disaster recovery planning.

## **OTHER PLANS AND STRATEGIES**

The Kentucky River Area Development District continues to work with local officials and community leaders to assist in planning efforts to improve the region's competitiveness in the local, regional, national and international economies.

All existing plans and strategies in the eight county-area were reviewed and considered when preparing this document. Some of those plans included in the review were tourism plans, economic development strategies, transportation plans, downtown revitalization plans, etc.

As a result of the dramatic impacts to the region from the loss of jobs in the mining industry, leaders have joined together across political party lines to take a different approach to improving the regions' economy. The Shaping Our Appalachian Region (SOAR) Initiative began in late 2013 with a Summit convening stakeholders from all walks of life to begin the discussion on diversification and "out-of-the-box" thinking that will change the landscape.

The 2016 SOAR Impact Report provides a blueprint for our region that focuses on economic strategies and can be accessed at [www.soar-ky.org](http://www.soar-ky.org).

## **ECONOMIC CLUSTERS**

The KRADD region is home to a variety of clusters, such as wood/timber, healthcare, retail/wholesale trade, tourism, etc. In recent years, healthcare has emerged as a vital industrial cluster in the region, and continues to show promise of future expansion. The following is a brief overview of the economic clusters located within the Kentucky River region:

### **HEALTHCARE**

In recent years, the healthcare industry has emerged as one of the strongest and fastest growing economic clusters in the KRADD region. There are currently 256 healthcare establishments in the eight county regions. As of 2016 there were 5,984 employees in the healthcare industry, with an annual payroll of \$172,659,000.

### **TIMBER AND WOOD PRODUCTS**

The timber and wood products industry has quickly become a vital cluster in the economy of the KRADD region. Currently there are 20 timber related industries in the area.

### **RETAIL SERVICE**

The retail service industry is understandably a vital cluster in any region. Without these basic support services and retail establishments, other industry could not thrive. There are currently 330 retail service establishments in the region. These establishments employed 4,032 people in 2012 according to U.S. Census Bureau County Business Patterns.

### **MINING**

Because Kentucky has been one of the top three coal producing states in the nation for the past fifty years, it should come as no surprise that the coal industry is vital to the economic development of the KRADD region. The eight counties in the region are all located in the Eastern Coal Fields. Although production has decreased across the nation in the past two decades, coal mining remains a way of life for many in the KRADD area. As of September 2018 there are only 1,192 direct mine related jobs in the KRADD region with only 38 mining operations remaining open: 1 in Breathitt County, 9 in Knott County, 5 in Leslie County, 21 in Letcher County, and 22 in Perry County. This is down from 5,024 direct mining jobs in 2009.

# ACTION PLAN

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## ECONOMIC DEVELOPMENT

**GOAL:** To enhance the quality of life of residents of the KRADD region through job creation and job retention. Promote economic growth and expansion by maintaining a strong, healthy industry base that will foster internal industry growth while projecting a pro-business image to prospective companies.

### OBJECTIVES:

- To recruit new business and industry
- Work with existing businesses on expansion
- Provide support for new and existing businesses
- Promote Industrial Parks
- Encourage industrial site enhancements
- Promote Tourism
- Encourage a regional approach to economic development
- To enhance the region's economic base and general prosperity by encouraging existing businesses to expand their operations and employment
- To attract economic development that will enhance the growth and economy of the KRADD region and improve the quality of life for its citizens

### STRATEGY:

- Work with local and state officials, chambers of commerce, economic development professionals and existing businesses to identify and market to new business and industry
- Develop small business incubators
- Work with the local workforce development and other economic development agencies in business expansion support programs
- Continue to market our industrial sites and available buildings
- Assist in the development and funding of enhancing our industrial parks
- Support youth entrepreneurship programs
- Assist in Trail Town Development for our communities
- Assist in trail development activities
- Assist in the development and funding of tourism projects
- Promote the formation of a regional industrial development authority
- Coordinate regional meetings with our local leaders centered on creating opportunities for our counties to partner in economic development
- Implement business retention and expansion program, providing technical and

administrative assistance in navigating through regulatory issues and utilizing existing incentive programs

- Work with local, county and state agencies to develop innovative solutions for growth and expansion needs of local businesses
- Encourage community leaders to become better educated in economic development issues by attending economic development seminars sponsored by economic development agencies and organizations
- Expand and coordinate local industrial recruiting efforts with the Cabinet for Economic Development
- Coordinate the development of small- to medium- sized, publicly owned industrial parks in strategic locations throughout the region, encouraging joint cost and revenue sharing between various counties.
- Assist in infrastructure improvements, when necessary, to facilitate development in targeted growth areas

## **WORKFORCE DEVELOPMENT**

GOAL: Develop a marketable, skilled workforce that meets employers' needs and attracts new employers.

### **OBJECTIVES:**

- Assist the local workforce development with programs and initiatives
- Promote programs that offer workforce education and training
- Improve access to information relating to employment and career choices
- Increase marketable skills of the region's workforce

### **STRATEGY:**

- Coordinate with agencies that provide workforce development
- Support local colleges in their endeavor of a better trained workforce
- Develop and implement programs that support entrepreneurs in establishing a successful business
- Work with agencies and colleges in development of programs to retrain our skilled workforce

## **INDUSTRIAL PARKS**

GOAL: Bring industry and business to increase regional prosperity by being competitive and business friendly.

## OBJECTIVES:

- Enhance our industrial parks through improvements
- Promote incentives for industry to choose to locate in our area
- Market the industrial parks in our region

## STRATEGY:

- Plan and develop projects that improve our industrial parks
- Work with local officials in providing incentives for a business or industry to locate in our parks
- Market the industrial parks on websites, Facebook and advertisements
- Promote the region as a good place to live and work

## EDUCATION

GOAL: Improve education achievement attainment.

### OBJECTIVES:

- Support all local schools and boards
- Reduce high school drop-outs
- Increase the number of 4 year degree holders
- Increase the number of certificate holders from various skill trades

### STRATEGY:

- Develop degree programs and curriculums close to home
- Work with colleges and universities in making higher education affordable
- Work with high schools and boards in developing programs aimed at reducing high school drop-out rates
- Promote education as a means of economic development

## TRANSPORTATION

GOAL: Improve the Connectivity of the KRADD region through continued improvement of all transportation systems that will open opportunities within the region.

### OBJECTIVES:

- To improve road access within the region, particularly into the more rural areas of the region, opening economic development opportunities outside the county seat areas.
- To develop transportation projects that will promote economic development

## STRATEGY:

- Plan and construct transportation facility improvements in accordance with strategies to facilitate economic growth.
- Promote road projects that improve access to the interstate system in the more rural areas of the region.
- Investigate the best locations to create/improve connectivity between the various interstates through the more rural counties.

## INFRASTRUCTURE

GOAL: Build the foundation for sustainable economic growth by providing adequate infrastructure for the entire KRADD region will facilitate the opportunity to expand and enhance target marketing efforts.

### OBJECTIVES:

- To provide reliable, efficient and accessible infrastructure and public services to accommodate new development.
- To expand and upgrade water and wastewater facilities into the more rural areas of the region through partnerships with private and public utilities.
- To provide extend gas infrastructure into our industrial parks to make our parks more attractable to industry

## STRATEGY:

- Encourage city/county capital improvement programs to coordinate public investment in infrastructure with economic development priorities.
- Encourage water/sewer system regionalization and promote cluster development to minimize infrastructure costs and ensure quality and sustainability
- Increase the availability of affordable water and sewer service throughout the region, pursuing state and federal grants and low-interest loans to expedite implementation of existing water/sewer facility plans
- Identify potential short-term growth areas within the region to prioritize infrastructure investment.

## TOURISM

GOAL: Enhance the tourism opportunities throughout the KRADD region in economic development efforts.

### OBJECTIVES:

- Strengthen relations with tourism boards throughout the region

- Promote the natural assets of our region
- Market our tourism
- Promote regional tourism
- Promote entrepreneurship in tourism
- Provide support for small business development and expansion

**STRATEGY:**

- Work with the tourism boards to develop relationships and promote tourism
- Advertise and promote what we already have
- Develop regional trails
- Work with agencies in developing and implementing programs aimed at entrepreneurship
- Develop small business incubators
- Develop and assist in funding tourism activities
- Support cultural heritage conservation measures and development

**TECHNOLOGY**

**GOALS:** Build a strong foundation of technology for economic growth.

**OBJECTIVES:**

- Encourage availability and use of broadband
- Have up-to-date technology available for first responders
- Establish a regional broadband committee
- Promote the Last Mile Project

**STRATEGY:**

- Hold public meetings to identify broadband needs
- Collaborate with first responders to meet their needs of the ever changing technological world
- Work with businesses and agencies in developing the last mile

**ENVIRONMENT**

**GOAL:** To provide a healthy sustainable environment.

**OBJECTIVE:**

- Reduce illegal trash dumps in the KRADD region
- Promote a clean environment
- Reduce straight pipes and failing septic systems
- Promote clean waters



## STRATEGY:

- Continue annual clean up events to clean up illegal trash dumps, litter along our road ways and in our water ways
- Develop and assist funding of public sewer projects
- Promote preserving the beauty of our area
- Educate residents on the effects of pollution

# STRATEGIC PROJECTS

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Based on the goals and strategies reported in this document, KRADD reviewed the major capital improvement projects throughout the KRADD region. Projects have been ranked by priority in the region by the Kentucky Transportation Cabinet, Regional Transportation Council and Regional Water Management Council using the following criteria:

1. Regional Impact - projects were reviewed based on their overall impact to the region.
2. Purpose and Need - projects were also considered based on whether they meet an immediate need or deficiency. The Kentucky Infrastructure Authority, the Kentucky Transportation Cabinet and KRADD all provided some form of prioritization based on purpose and need.
3. Future Growth Potential - The committees also considered the potential impact for future economic development efforts. In this case, projects that offered the greatest short and long term growth potential in terms of new development received the greatest priority.

The projects were sub-divided into four project types: Wastewater Management, water service, transportation improvement and economic development projects. A list of past, present and future projects are in the following pages.

## PAST AND PRESENT COMMUNITY DEVELOPMENT PROJECTS

| COUNTY    | ENTITY                                | PROJECT  |
|-----------|---------------------------------------|--|
| Regional  | Appalachian Industrial Authority      | <b>Appalachian Industrial Authority Speculative Building (\$800,577)</b> – Construction of a 40,000 square foot speculative building in the Gateway Regional Business Park located in Jenkins, Letcher County. The project included \$640,000 of Economic Development Administration funding.  |
| Regional  | Appalachian Industrial Authority      | <b>Jenkins Industrial Park Water/Sewer</b> – provision of water/sewer to the Jenkins Industrial Park, which is now a portion of the Gateway Regional Business Park. EDA investment of \$288,000, with a total project cost of \$845,321. The project has allowed for expansion of the city park into a regional park, representing four counties. There are currently 48 new employees in the park, with new clients looking at the location on a regular basis. |
| Regional  | Appalachian Industrial Authority      | <b>Ferus Corporation</b> – location of new industry in the Gateway Regional Business Park in Jenkins, KY. Company employs 30 people.   |
| Regional  | Appalachian Industrial Authority      | <b>Equitable Resources</b> – location of new industry in the Gateway Regional Business Park in Jenkins, KY. Company currently employs 10 people.   |
| Regional  | Appalachian Industrial Authority      | <b>Taylor Metal Company</b> – Construction of an expansion facility for the Taylor Metal Company. The new facility is located in the Gateway Regional Business Park in Letcher County and currently employs 13 people.   |
| Regional  | Appalachian Industrial Authority      | <b>B.J. Services, Inc.</b> – Construction of a new gas well servicing facility in the Gateway Regional Business Park in Letcher County. The company is operational and currently employs 20 people.  |
| Regional  | Coal Fields Industrial Authority      | <b>American Woodmark Corporation</b> – Location of a new production plant in the Coal Fields Regional Business Park in Hazard, Perry County. The project involved the construction of a 220,000 square foot dimension lumber plant which employed 180 people.  |
| Regional  | Coal Fields Industrial Authority      | <b>MB Lumber Company</b> – relocation of a furniture component factory to the Coal Fields Regional Business Park. The plant employed 15 people.  |
| Regional  | Coal Fields Industrial Authority      | <b>AODD Transport Relocation</b> – Relocation of a trucking warehousing facility from Tennessee. The company is in the process of relocating their facility to the Coal Fields Regional Business Park in Hazard, Perry County. They own and operate 50 tractor/trailer trucks for which they hire drivers, as well as contract with private truck owners.  |
| Regional  | Coal Fields Industrial Authority      | <b>SYKES Inc.</b> – re-opening of Sykes, Inc. in the Coal Fields Regional Business Park. The company now has 700 employees working 4 shifts  |
| Regional  | Appalachian Industrial Authority      | <b>Drone Marketing Video Project</b> – K-PEGG \$6,000 The project will produce a drone video used to market the Industrial Park.   |
| Regional  | KRADD                                 | <b>Regional Brownsfield Assessment Grant</b> – Grant provides \$400,000 EPA funds to assess potential Brownsfield sites throughout the KRADD region.   |
| Regional  | KRADD                                 | <b>Health Impact Project</b> – PEW \$100,000 The project will allow a health impact study in the KRADD region.   |
| Regional  | Coal Fields Industrial Authority      | <b>Maintenance &amp; Landscaping Project</b> – K-PEGG \$15,000 Project will do sign and landscaping improvements in the Industrial Park.   |
| Breathitt | Breathitt County Industrial Authority | <b>Breathitt County Industrial Authority Spec Building</b> - Construction of a 41,000 square foot speculative building in the Panbowl Industrial Park. The park and building are owned and operated by the Breathitt County Industrial Authority and located in Jackson, Breathitt County. The financing for the facility included a \$700,000 EDA grant as well as \$300,000 in Local Government Economic Development Funds.                                    |

|           |                               |   |
|-----------|-------------------------------|---|
| Breathitt | City of Jackson               | <b>City of Jackson Sewer Extension</b> – Extension of sewer service along KY 15 to the Kentucky River Community Care complex. The project allowed for 44 new employees at the facility. Funding for the project included a \$250,000 EDA grant.   |
| Breathitt | City of Jackson               | <b>City of Jackson - Wal-Mart Area Sewer Project</b> – Total Project Cost of \$510,000. Project will collect sewer from future development. Currently seeking funding.  |
| Breathitt | City of Jackson               | <b>Jackson Wastewater Lift Station Rehabilitation Project</b> - This project will rehabilitate 13 lift stations throughout the city's system that constantly have to be repaired due to age. The lift stations included are: Full Gospel Deliverance Church LS, Millers Trailer Court LS, Jackson Lions Club LS, Carl Combs (Quicksand) LS, LS located at 255 Quicksand Road, Bridge Hollow LS (four in total), South Jackson LS, Jackson Village LS, LBJ Elementary School LS, and the Lakeside Drive LS. Three of the lift stations are in the direct flow of the water treatment plants intake system. The project also includes 2,200 LF of 8" Gravity line in Bridge Hollow to replace existing lines that are currently force main to reduce maintenance issues. Funding for the project included \$500,000 ARC grant and a \$700,000 Clean Water State Revolving Loan Fund from KIA.   |
| Breathitt | City of Jackson               | <b>Jackson Lift Station Rehabilitation Project Phase II</b> - This project will rehabilitate 12 sewer lift/grinder stations within the city's system that are in frequent need of repair due to age. The lift stations to be rehabilitated are: Breathitt High School (high school), Eastern KY Juvenile Home (Boot Camp), Juvenile Detention Center (Detention Center), Wolverine, Douthitt Park, Bridge Hollow (4 grinder stations), Archie Combs (Combs), Bailey Center, and the influent lift station at the WWTP. Funding includes a \$593,000 Clean Water State Revolving Loan Fund and a \$580,000 grant from ARC.   |
| Breathitt | Breathitt County Fiscal Court | <b>South Fork Elk View Waterline Ph 1</b> - Project will construct a waterline to the Elk Viewing area located on HWY 1098 (South Fork). The area is currently being developed for ATV Trail rides and camping and possible cabins/houses. The project will construct a 6" line to the area and will include 3 service meters, approximately 5 flushing hydrants, 16 gate valves, 4 combination air relief valves, a 40,000 gallon water tank, a 20,000 gallon water tank and a pump station. Telemetry will also be included for the tanks and pump station. Completion of this project will allow service to the state of the art Expo Center complete with horse trails as well as the Elkview Station, the campground with primitive camping, RV hook-up and cabin rentals available and will also allow for a trail-head connection to the Dawkins Trail at Evanston. There is also opportunity for OHV enjoyment in the area. At present, one OHV trail that is approximately 35 miles long has been completed. The County has currently been approved through the Recreational Trails Program funding to complete another phase of OHV trails. There are also subsequent OHV trail phases planned. The OHV trails will eventually connect with Perry, Knott and Magoffin Counties creating one of the largest trail systems on the east coast. Economic Development of this area cannot successfully occur though without first having safe, reliable drinking water in the area. The campground is also an essential part of the development of this area as riders will need a place nearby to lodge. Funded for this phase was awarded by AML in the amount of \$1,950,000. |
| Breathitt | City of Jackson               | <b>Lakeside Drive Water &amp; Sewer Extensions Project</b> - The Lakeside Drive project will focus on both the water and sewer. The water will extend approximately 4,900 linear feet of 8" PVC water line, two flush hydrants, one air release valve, and one 300,000 gallon ground storage tank with telemetry. The sewer will install approximately 4,600 linear feet of 4" PVC force main, 1,600 linear feet of 8" PVC gravity, six manholes and two 80 GPM lift stations. The project will improve safety and add an isolation zone, alleviate pressure issues, and increase storage. It will also provide adequate wastewater removal services to an area that currently relies on individual septic systems. The project will allow for economic development in the specified area as there are several businesses planning to build once construction is complete. Applications have  |

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|           |                                 | been approved by EDA in the amount of \$1,156,419 and ARC in the amount \$300,000.  |
| Breathitt | Breathitt County Water District | <b>Hwy 2436 Airport Road Water Line Extension</b> – The project will extend new water service funded through ARC \$215,000 and local match \$75,000   |
| Breathitt | Breathitt County Fiscal Court   | <b>Panbowl fishing Pier Project</b> - Project will construct a new fishing pier to replace the existing fishing pier. LWCF \$12,526 Local \$12,527  |
| Breathitt | City of Jackson                 | <b>City of Jackson Water Plant Construction project</b> - Construction of a new water plant to serve the City of Jackson and surrounding areas. This \$6,610,777 project, which utilized \$1,500,000 in EDA funding, has allowed for a total of 175 jobs, including new and retained, in the area. Project Complete.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District - South Fork, Canoe and Houston Water Line Extensions Project</b> - Total Project Cost of \$4,233,000. Project will extend water lines to the South Fork area, Canoe area, Houston area, Cecil Clair property, and will rehab two pump stations. Project is complete.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District - KY 205 Water Line Extensions</b> – Total Project Cost \$186,435. Project extended service to 15 households in the area. Project is complete.   |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District-Roark Branch Water Line Extensions</b> - Total Project Cost \$107,203. Project will extend service to 10 households in the area. Project is complete.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District-Bethany Road Water Line Extension</b> - Total Project Cost \$200,000. Project extended water service to 15 households. Project is complete.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District – KY 1110/KY 28 Water Line Interconnection</b> – Total Project Cost \$930,000. Project will provide a permanent interconnection between the Water District and the Village of Buckhorn . Project will also improve service to 50 households in the area. Project is complete.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District Breathitt and Perry County Waterline Interconnection</b> - Total Project Cost of \$1,220,000. This project will include water lines to serve KY 315 and KY 28 from Turner's Creek South to Perry County. It will also provide a connection to the Buckhorn water system to provide a reliable supplemental supply into Perry County. |
| Breathitt | City of Jackson                 | <b>City of Jackson – Medical Center Waterline Improvement/Jett Drive Project</b> – Project was funded by a KLC loan to improve service to 40 residents.   |
| Breathitt | City of Jackson                 | <b>City of Jackson – Quicksand Tank Dedicated Water Line Project</b> – AML funded water project to improve service to 288 customers of Jackson and to improve service to the Breathitt Water District.  |
| Breathitt | Breathitt County Water District | <b>Breathitt County Water District</b> – Project provided service to 7 households   |
| Breathitt | City of Jackson                 | <b>City of Jackson – Water Treatment Plant Repairs Project</b> – Project replaced high service pumps and other equipment at the plant with funds from USDA.   |
| Breathitt | City of Jackson                 | <b>City of Jackson – Water Treatment Plant Repairs Project</b> – Project replaced high service pumps and other equipment at the plant with funds from USDA.   |
| Breathitt | City of Jackson                 | <b>City of Jackson – HWY 15 Water Improvement Project</b> – Project installed new line around Wal-Mart to improve water pressure to the area.   |
| Breathitt | City of Jackson                 | <b>City of Jackson Splash Park – Project</b> constructed a Splash Park at Douthitt Park utilizing Land and Water Conservation Funds and Private Donations and City Funds.   |
| Breathitt | Breathitt County Fiscal Court   | <b>Breathitt County Fiscal Court – Malone Miller Memorial Skate Park</b> – Skate Park constructed at Douthitt Park utilizing Land and Water Conservation Funds and Coal Severance.  |

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| Breathitt | Breathitt County Water District           | <b>Breathitt County Water District</b> – River Caney Water Line Extensions – AML funded water project to 84 households.   |
| Breathitt | Breathitt County Water District           | <b>Breathitt County Water District – Hardshell – Caney Extensions – Project</b> was funded by AML to serve 154 customers  |
| Breathitt | Breathitt County Water District           | <b>Breathitt County Water District – HWY 205 Extensions – Project</b> was funded by Coal Severance to serve 210 households  |
| Breathitt | Breathitt County Water District           | <b>Breathitt County Water District – KY 1812 Panbowl Water Line Extension</b> – AML funded water project to 76 households.  |
| Knott     | Knott County Water & Sewer District       | <b>Knott County Water &amp; Sewer District – Logan Gap Master Meter Replacement Project</b> – Total Project Cost \$5,874. Project will replace the existing master meter that services the interconnection to Letcher County Water & Sewer District. Project is complete.   |
| Knott     | Knott County Water & Sewer District       | <b>Knott County Water &amp; Sewer District – Vance Mountain RD Service Line Project</b> – Total Project Cost \$15,352. Project will construct a service line to 4 households. Project is complete.  |
| Knott     | Knott County Water & Sewer District       | <b>Knott County Water &amp; Sewer District - Pippa Passes WWTP Improvements Project</b> - Total Project Cost \$27,023. Project will make improvements to the plant. Project is complete.  |
| Knott     | Knott County Water & Sewer District       | <b>Troublesome Creek Environmental Authority- Ball Creek Wastewater Lines Phase II</b> – Total Project Cost \$2,684,850. Project will extend sewer collector lines to the Jamestown Mobile Home Park and Phoenix Place Development.   |
| Knott     | Knott County Water & Sewer District       | <b>Carr Creek Water Treatment Plant</b> – Construction of a 2,000,000 gpd water treatment plant. Total project funding of \$10,920,365 includes USDA of \$3,519,860; CDBG \$2,000,000; ARC \$500,000; EPA \$1,900,500; State funding \$3,000,000. The project is complete at this time.   |
| Knott     | Troublesome Creek Environmental Authority | <b>Ball Creek Wastewater Treatment Plant and Collection Lines Project</b> – Construction of a 100,000 GPO treatment plant with collection lines to service the Chestnut Mountain Development area. Total Project funding \$5,013,817 includes KY Infrastructure Clean Water State Revolving Loan (ARRA) \$1,500,000; State Funding \$3,013,817 and US Corp of Engineers Section 531 Grant \$500,000.  |
| Knott     | Troublesome Creek Environmental Authority | <b>Ball Creek Wastewater collection system expansion</b> - Project will expand the sanitary collection system to include Yellow Mountain Road located off of HWY 1098 and also an area along KY 80 from Soft Shell, KY at the intersection of KY 1098 and KY 80 to the Jamestown Village Mobile Home Park and the Phoenix Place subdivision at the Knott and Perry County line. Funding for the project includes ARC, CDBG, USCOE Section 531, Coal Severance and Flood Control for a total project cost of \$2,684,850. Project is under construction and expected to be completed in November 2017. |
| Knott     | Troublesome Creek Environmental Authority | <b>Troublesome Creek Environmental Authority - Ball Creek/Hindman Sanitary Sewer Evaluation Study</b> - Total Project Cost of \$150,000. A study to evaluate the potential of reducing partial flow of the Hindman System and rerouting it to the new Ball Creek Plant. Project is completed.   |
| Knott     | Troublesome Creek Environmental Authority | <b>Troublesome Creek Environmental Authority - Ball Creek WWTP Improvements Project</b> - Total Project Cost \$26,402. Project intends to improve the functionality of the plant. Substantially complete.   |
| Knott     | Knott County Water & Sewer District       | <b>Carr Creek Water Treatment Plant Expansion Project</b> Knott Co. (Multi County LGEDF \$2,000,000; KIA HB1 \$250,000) Project complete.   |
| Knott     | City of Hindman                           | <b>KRCC Waterline project</b> Knott county (project estimated at \$497,600.00; funding being developed)   |
| Knott     | City of Pippa                             | <b>Pippa Passes WWTP Replacement and Line Rehab Project</b>   |

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|         | Passes                              |   |
| Knott   | Knott County Water & Sewer District | <b>Dry Creek Water Line project</b> Knott Co. (AML\$1,000,000, HB1 \$825,000)   |
| Knott   | Knott County Water & Sewer District | <b>Carr Creek Phase III Waterline Project</b> Knott Co. (USDA RD \$500,000 ARC \$400,000, HB1 \$1,025,000)  |
| Knott   | City of Hindman                     | <b>Sewer Rehabilitation Project</b>   |
| Knott   | City of Pippa Passes                | <b>WWTP Replacement and Line Rehab Project</b>  |
| Knott   | Knott County Water & Sewer District | <b>Homeland Security Grant</b> - \$256,357 to purchase 2 generators   |
| Knott   | Knott County Water & Sewer District | <b>Emergency Vehicle Purchase</b> – Project will allow for the purchase of three emergency vehicles. Funding Applied for Community Facilities \$32,160 and Local \$59,726.  |
| Knott   | Knott County Water & Sewer District | <b>KCWSO Emergency Vehicle Purchase Project</b>   |
| Lee     | Lee County Fiscal Court             | <b>Roof Replacement on Beattyville/Lee County Fire Department</b> – funded through \$283,206 CDBG and \$23,100 local match the project will replace the existing roof on the fire department.   |
| Lee     | Lee County Fiscal Court             | <b>St. Helens Park Improvements Project</b> – The project will construct a new walking trail and add new playground equipment. LWCF \$26,675 Local \$29,552. Project is funded and construction will begin in Spring 2018.  |
| Lee     | City of Beattyville                 | <b>Sewer Line and Lift Station Improvements</b> - \$250,000 CDBG Economic Development   |
| Lee     | City of Beattyville                 | <b>Emergency Vehicle Purchase Project</b> – Community Facilities \$27,353 and Local \$9,118. The project will purchase a new emergency vehicle.   |
| Leslie  | City of Hyden                       | <b>City of Hyden Community Wellness Center Project</b> - Estimated Project Cost of \$6,000,000. Still looking for funding.  |
| Leslie  | City of Hyden                       | <b>City of Hyden Park Equipment Project</b> - Estimated Project Cost of \$49,280. The project will add 7 pieces of playground equipment to the City of Hyden Park. Project Complete   |
| Leslie  | City of Hyden                       | <b>Hyden Safe Routes to School Project</b> – Funded through a KYTC TAP Grant of \$200,000 the project will extend new sidewalks and replace existing sidewalks in Hyden. Project is still in design phase.  |
| Letcher | City of Whitesburg                  | <b>Whitesburg Wastewater Treatment Plant Construction Project</b> – Construction of a new 600,000 GPO wastewater treatment plant for the City of Whitesburg. The financing for this project includes a \$2,000,000 CDBG grant, \$1,011,100 Environmental Protection Agency grant, \$1,000,000 Coal Development Fund grant, \$500,000 Appalachian Regional Commission grant, \$500,000 Coal Severance funds, \$1,000,000 KIA bond, and \$1,422,000 Rural Development funds.  |
| Letcher | City of Whitesburg                  | <b>Whitesburg Wastewater Treatment Plant Upgrade Project</b>  |
| Letcher | Letcher County Planning Commission  | <b>Letcher County Federal Prison Project</b> –Letcher County Planning Commission received an Economic Development Administration Grant to prepare a strategic plan to evaluate potential federal prison sites, etc. to aid in the recruitment of a federal prison to the Letcher County area. Project Complete.   |
| Letcher | Letcher County Fiscal Court         | <b>Crafts Colley I Dry Fork Sewer Project</b> - The Letcher County Fiscal Court was awarded a CDBG Public Facilities grant and an ARC grant for the completion of the Crafts Colley I Dry Fork Sewer Project. They also received an additional PRIDE grant in the amount of \$400,000 to include additional homes in the Dry Fork area. The project now totaled \$1,500,000, and provided sanitary sewer service to approximately 90 new customers in the Crafts Colley and Dry Fork areas of the County. Project complete. |
| Letcher | City of Jenkins                     | <b>City of Jenkins - Payne Gap Waterline project</b> – Total Project Cost \$1,593,503. Project will construct water line extensions along Hwy 119 from  |

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|         |                                       | Jenkins, connecting Jenkins and Letcher County Water & Sewer District water systems. Project would serve more than 500 households. Project is complete.  |
| Letcher | Letcher County Water & Sewer District | <b>RedStar Waterline project</b> Letcher Co. (AML \$1,600,000). Project is funded and should go to bid soon.   |
| Letcher | City of Jenkins                       | <b>City of Jenkins - Water Line Improvement Project Phase II and Cane &amp; McPeaks Branch</b> - Total Project Cost of \$2,400,469. Project has completed McPeaks and Cane Branch. Remainder of project will replace waterlines along HWY 805 and adjacent streets. Project has been reduced due to current funding limitations. Project Complete. |
| Letcher | City of Jenkins                       | <b>City of Jenkins – Water Line Improvements Project Phase IV –</b> Total Project Cost \$2,400,000. Project will replace water lines on HWY 805 and adjacent roads in areas that have not yet been rehabbed. It will also rehab lines in the Marshall Branch Area. Project is complete   |
| Letcher | City of Jenkins                       | <b>City of Jenkins - Sewer Main Rehab Phase III</b> - Total Project of \$1,585,000. Replacement of lines along HWY 805. Project Complete.  |
| Letcher | Letcher County Fiscal Court           | <b>Letcher County Fiscal Court Pine Mountain Water Supply Feasibility Study-</b> Estimated Project Cost of \$125,000.  |
| Letcher | Letcher County Water District         | <b>Thornton Water Line project</b> Letcher Co. (LGEDF and KIA \$1,800,000) Project Complete.   |
| Letcher | Letcher County Water District         | <b>Millstone Waterlines project</b> Letcher Co. (KIA \$750,000) Project Complete.  |
| Letcher | Letcher County Water District         | <b>HWY 160/Premium Phase II</b> (ARC \$500,000; KIA HB1 \$344,000) Project Complete.   |
| Letcher | Letcher County Water District         | <b>Letcher County Deane project</b> (AML \$1,000,000, LGEDF line item \$150,000) Project Complete  |
| Letcher | Letcher County Water District         | <b>Letcher County Pert Pine Cram Creek Waterline</b> (LGEDF line item \$500,000, AML \$2,000,000) Project Complete.  |
| Letcher | City of Whitesburg                    | <b>Daniel Boone Hotel Stabilization Project</b> – funded with \$1,000,000 ARC and POWER funds. The project will allow the Daniel Boone Hotel in Whitesburg to be stabilized, mold removal and demolition and a temporary roof put on.  |
| Letcher | Letcher County Fiscal Court           | <b>Letcher County Loggy Hollow Water Line project</b> (LGEDF line item \$370,000). Project complete  |
| Letcher | Letcher County Water District         | <b>Letcher County Millstone alternative wastewater project</b> (funding being developed)   |
| Letcher | Letcher County Water & Sewer District | <b>Cumberland River Waterline Extension Phase 1</b> – funded with ARC \$500,000 and Coal Severance funds the project will construct new water service to 69 homes in the Cumberland River area of Letcher County.  |
| Letcher | City of Jenkins                       | <b>Computer Equipment Purchase Project</b>   |
| Letcher | City of Whitesburg                    | <b>Computer Software Purchase Project</b>  |
| Letcher | City of Fleming-Neon                  | <b>Water Treatment Plant Upgrade Project</b> – funded through CDBG \$1,000,000; ARC \$500,000 and KIA/SRF \$1,500,000. The project will upgrade the existing water treatment plant. Constructed began October 2, 2017. The Project is expected to be complete Fall of 2018.  |
| Letcher | City of Jenkins                       | <b>Emergency Vehicle Purchase</b> – Project will allow for the purchase of an emergency vehicle. Funding Applied for Community Facilities \$29,789 and Local \$9,930.  |
| Letcher | Letcher County Fiscal Court           | <b>Emergency Vehicle Purchase</b> – the project allows for the purchase of an emergency vehicle.   |
| Letcher | Letcher County Fiscal Court           | <b>Body Armor Purchase Project</b> - \$10,064 Law Enforcement Protection Program to purchase new body armor.   |
| Letcher | Letcher County Fiscal Court           | <b>Emergency Vehicle Purchase</b> – the project allows for the purchase of an emergency vehicle.   |
| Letcher | Letcher County Fiscal Court           | <b>Federal Prison Project</b> – The project will construct a federal prison in the Roxanna area of Letcher County. The project will bring 350 to 400 new jobs to   |



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|        |                                     | Letcher County. The Environmental Review is complete. Waiting on the Federal Bureau of Prisons to release the Record of Decision.   |
| Owsley | City of Booneville                  | <b>Booneville Wastewater Extension Project (\$4,273,300)</b> – Extension of sewer service to areas of Owsley County previously unserved. The project also provided improved sewer service to the Lone Oak Industrial Park.  |
| Owsley | Owsley County Industrial Authority  | <b>Booneville Wastewater Extension Project (\$4,273,300)</b> – Extension of sewer service to areas of Owsley County previously unserved. The project also provided improved sewer service to the Lone Oak Industrial Park.  |
| Owsley | Owsley County Industrial Authority  | <b>Owsley County Industrial Park Access &amp; Water/Sewer</b> – Construction of an access road and provision of water and sewer service to the Lone Oak Industrial Park.  |
| Owsley | Owsley County Fiscal Court          | <b>Owsley County Spencer Fork Family Resources Center project</b> (USDA RD \$30,000)  |
| Owsley | Owsley County Fiscal Court          | <b>Owsley County Housing Project</b> (CDBG \$200,000, other \$200,000) Project Complete   |
| Owsley | City of Booneville                  | <b>Elk Lick Water Tank Replacment Project</b>   |
| Owsley | City of Booneville                  | <b>Hwy 11 North Water Tank Replacement Project</b>  |
| Owsley | Owsley County Fiscal Court          | <b>Milltown Sidewalk Project</b> - KYTC TAP \$160,000 and Local \$40,000. The project will extend new sidewalk in the Milltown Subdivision.   |
| Owsley | City of Booneville                  | <b>Fish Creek School Road Housing Project</b> – the project will construct new single family homes. Funding applied for CDBG \$1,000,000, HOME \$290,011 and LB Cincinnati \$106,000.   |
| Perry  | Perry County Sanitation District #1 | <b>Perry County Sanitation District #1 Chavies Sanitary Sewer Extension Phase 1</b> – Extension of approximately 11,245 linear feet of sewer force main to serve the KY Hwy 28 area from Combs Branch Road to the Chavies Elementary School, including the noodle creek area. 30 new customers will receive sewer service through this project. At the completion of the project, two package plants will also be taken out of service. This is the first phase in a multi-phase effort planned and designed to systematically extend the wastewater collection system. The total cost of this phase of the project is \$680,000. The District was awarded \$180,000 in Coal Severance funding and \$500,000 in Appalachian Regional Commission grant funds. Project will go to bid October 2017. |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court - Perry County Regional Water Study</b> - Total Project Cost of \$30,000. Feasibility study to look at two options---A plant at Buckhorn Lake and the ability of Carr Creek Plant to service Perry County. Currently underway.   |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court - North Perry Water Project Phase II</b> - Total Project Cost of \$280,000. Project will provide water service to residents located in Stable Fork (8 households), Ladder Branch (19 households) and Pump (AKA Pump) Hollow (6 households). Projects are constructed.  |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court - South Perry Water Project Phase IV</b> - Total Project Cost of \$337,321. Project will provide water service to Right Fork of Beehive (12 households); Owens Branch (10 households); Primrose Lane (6 households); Beetree Fork (6 households) and Lauren Lane (4 households). Projects are constructed.   |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court–Fort Branch Water Line Extension Project</b> – Total Project Cost \$977,829. Project will provide water service to 51 households in the area. Project Complete.  |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court–Lewis Hollow Water Line Extension</b> – Total Project Cost \$210,135. Project will construct water lines to service 12 households. Project is complete.  |
| Perry  | Perry County Fiscal Court           | <b>Perry County Fiscal Court–Pomp Hollow Water Line Extension</b> – Total   |

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|       |  | Project Cost \$152,493. Project will provide water service to 7 households. Project is complete.   |
| Perry | Village of Buckhorn                        | <b>Village of Buckhorn-Route 28 Waterline Extension</b> - Total Project Cost \$110,793. Project is phase 1 of 2 that will simultaneously be constructed in the area. This phase will re-route the water line that currently runs along the lake to improve service to residents. Project is complete.  |
| Perry | City of Vicco                              | <b>City of Vicco Water Bill Project</b> - Total project Cost of \$150,000. Project will repay old water debt owed by the City. Project will also repair several fire hydrants to reduce water loss. Project Complete.  |
| Perry | City of Vicco                              | <b>City of Vicco Wastewater Treatment Plant Phase III</b> - Estimated Project Cost of \$2,036,800. Will construct a new WWTP to replace the existing plant, demolish the existing plant and construct a low-water crossing to allow all weather access to the plant.   |
| Perry | City of Vicco                              | <b>City of Vicco Wastewater Treatment Plant Phase II</b> - Estimated Project Cost of \$200,000. Will allow for rehabilitation of the existing WWTP to get in compliance with the Agreed Order. Project Complete.   |
| Perry | City of Hazard                             | <b>City of Hazard Darfork Sanitary Sewer Project</b> (for new East Perry Elementary School)-Estimated Project Cost of \$480,095. Will extend sewer lines to service the new East Perry Elementary School and allow for future development of the 100+ acre site surrounding the new school site. The project will service approximately 7 households on Darfork Hollow Road. Project complete. |
| Perry | Perry County Fiscal Court                  | <b>Perry County Fiscal Court Regional GPS of Manholes, Valves and Hydrants Project</b> - Estimated Project Cost of \$137,200.  |
| Perry | City of Vicco                              | <b>City of Vicco Park Equipment Project</b> - The Project will allow for the purchase of property in downtown Vicco for development of a City Park. The project will allow for the purchase of playground equipment. Project Complete.   |
| Perry | City of Vicco                              | <b>Office Equipment Purchase Project</b>   |
| Perry | Perry County Fiscal Court                  | <b>River Trail Development</b> - Develop a river walk from Carr Fork Lake to Buckhorn Lake   |
| Perry | City of Hazard                             | <b>Phase 1 Hazard Sanitary Sewer Improvements Project</b> - ARC \$480,000 and Local \$120,000.   |
| Perry | City of Hazard                             | <b>Gas Line Project for the Industrial Park</b> – the project will extend gas lines to the Industrial Park so as to attract new business   |
| Perry | Perry County Sanitation District – Chavies | <b>Chavies WWTP Collection Chavies School to Haddock Fork</b> – ARC \$625,000 approved to construct new sewer lines  |
| Perry | Perry County Fiscal Court                  | <b>East Perry Commercial Development Project</b> – Project will allow for the necessary infrastructure for the development of a commercial development project. ARC funds approved.  |
| Wolfe | City of Campton                            | <b>Campton Wastewater Treatment Plant (\$3,610,125)</b> – Construction of a new wastewater treatment plant to serve the City of Campton and surrounding areas of Wolfe County. The plant also allowed for the provision of sewer service to the Pine Ridge Regional Business Park. Project Complete.   |
| Wolfe | City of Campton                            | <b>Campton Trail Project</b> (RTP \$51,500; Local \$51,500) Project complete.  |
| Wolfe | City of Campton                            | <b>Campton Water Line Project</b> (HB1 \$100,000) Project complete   |
| Wolfe | City of Campton                            | <b>Campton Sewer Line Project</b> (CDBG \$1,000,000; ARC \$525,000; US Corps of Engineers Sect. 531 \$275,000; KIA Loan \$1,400,000) Pippa Passes Caney Creek Sewer Rehab Project (US Corps of Engineers Sect. 531 grant \$250,000; USDA RD grant \$100,000). Project Complete.  |
| Wolfe | Wolfe County Fiscal Court                  | <b>Wolfe/Morgan Agriculture Industrial park project</b> (program income \$250,000. Project complete.   |
| Wolfe | City of Campton                            | <b>Campton Water Plant</b> (KIA \$4,498,888; USDA RD \$1,784,000; ARC  |

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|       |                                 | \$300,000; KIA Joan \$683,200). Project Complete.  |
| Wolfe | City of Campton                 | <b>Campton Safe Routes to School Project</b> – funded through a \$200,000 KYTC TAP Grant the project will extend new sidewalks along Washington Street to the new Campton Elementary School. The project is in the design phase.   |
| Wolfe | Pine Ridge Industrial Authority | <b>Feasibility Study</b> – funded through a \$10,000 ARC Flexi Grant the project allows for a study to determine if camping sites are feasible in the Music Heritage Park. The study is complete.  |
| Wolfe | City of Campton                 | <b>Campton Sewer Rehab Project</b> – funded with CDBG grant in the amount of \$249,000. The project allows for broken, cracked sewer lines to be dug up and replaced with new sewer lines to reduce infiltration and inflow.   |
| Wolfe | Wolfe County Fiscal Court       | <b>Helechawa Park Development Project</b> – funded through \$52,354 local funds and \$52,354 Land and Water Conservation Funds. The project will construct a new park to include a baseball field, basketball courts, bathroom, picnic shelter and playground equipment in the Helechawa Community of Wolfe County.  |
| Wolfe | City of Campton                 | <b>Various Waterline Extension Project</b> – Project will extend new water service to approximately 39 homes.  |
| Wolfe | City of Campton                 | <b>Pine Ridge Water Tank and Line Replacement Project</b> – the project will replace the existing water tank at Pine Ridge with a new elevated tank and a small amount of line replacement, rehab one pump station and construct a new pump station all to alleviate water shortages and outages in the project area. The total project estimated cost is \$2,100,000 and proposed to be funded through ARC, CDBG and KIA SRF. |
| Wolfe | City of Campton                 | <b>Emergency Vehicle Purchase Project</b> - \$79,591 Community Facilities Grant to purchase 3 utility vehicles. The project is now complete.   |
| Wolfe | City of Campton                 | <b>Campton Emergency Vehicle Purchase Project</b>  |

## TRANSPORTATION IMPROVEMENT PROJECTS

| CONTR<br>OL #             | ITEM #  | PROJECT DESCRIPTION   | EVALUATE<br>D COUNTY | EVALUAT<br>ED<br>ROUTE   | PROJECT TYPE      |
|---------------------------|---------|---|----------------------|--------------------------|-------------------|
| 12 067<br>B0119<br>545.00 | 199.10  | RECONSTRUCT US-119 BY<br>WIDENING TO 4-LANES,<br>BEGINNING 0.15 MILES NORTH OF<br>KY-15 AT END OF BRIDGE TO THE<br>EXISTING 4-LANE AT BRASS DRIVE<br>(SOUTH).(16CCN)  | LETCHER              | 067-US-<br>0119 -<br>000 | RECONSTRUCTION(O) |
| 10 013<br>D0015<br>16.00  |         | WIDEN AND INSTALL TWLTL<br>ALONG KY 15 FROM<br>INTERSECTION OF NEW KY 15 TO<br>INTERSECTION OF KY 1812.   | BREATHITT            | 013-KY-<br>0015 -<br>000 | MAJOR WIDENING    |
| 12 060<br>D0160<br>26.15  |         | IMPROVE SAFETY AND<br>SUBSTANDARD GEOMETRICS<br>WITH A NEW FACILITY THAT<br>MEETS CURRENT STANDARDS<br>FROM KY 899 TO KY 3391.  | KNOTT                | 060-KY-<br>0160 -<br>000 | RECONSTRUCTION    |
| 10 097<br>D0080<br>95.00  | 8906.00 | SAFETY IMPROVEMENTS ON KY 80<br>FROM LESLIE COUNTY LINE TO KY<br>451. (16CCN)   | PERRY                | 097-KY-<br>0080 -<br>000 | SAFETY(P)         |
| 12 067<br>B0119<br>35.90  | 311.80  | RECONSTRUCTION OF US-119<br>FROM 0.15 MILE WEST OF KY-806<br>TO KY-932. 2012BOP   | LETCHER              | 067-US-<br>0119 -<br>000 | RECONSTRUCTION(O) |
| 10 065<br>D0011<br>535.00 | 292.10  | I-75 TO MOUNTAIN PARKWAY;<br>RECONSTRUCT KY-11 FROM KY-30<br>AT LEVI IN OWSLEY COUNTY TO<br>0.5 MILE SOUTH OF KY-587 IN LEE<br>COUNTY.<br>(06CCR)(10CCR)(14CCR)(SEE 10-<br>292.11/.12 FOR CONSTRUCTION<br>SECTIONS) | LEE<br>OWSLEY        | 095-KY-<br>0011 -<br>000 | RECONSTRUCTION(O) |
| 10 095<br>D0011<br>1404.0 | 292.11  | I-75 TO MOUNTAIN PARKWAY;<br>RECONSTRUCT KY-11 FROM JUST<br>NORTH OF OWSLEY COUNTY LINE<br>(MP 0.47) TO 0.35 MILE NORTH OF<br>KY-587 (MP 1.94) IN LEE COUNTY.<br>(SEE 10-292.10 FOR D,R,U<br>PHASES)(2016BOP)       | OWSLEY               | 095-KY-<br>0011 -<br>000 | RECONSTRUCTION(O) |
| 10 095<br>D0030<br>1786.0 | 279.61  | RECONSTRUCT KY 30 FROM KY 847<br>TO THE JACKSON COUNTY<br>LINE.(14CCR)(SEE 10-279.60 FOR<br>PE & ENVIR) (AR/W)(16CCR)   | OWSLEY               | 095-KY-<br>0030 -<br>000 | RECONSTRUCTION(O) |

|                          |  |   |           |                   |                |
|--------------------------|--|---|-----------|-------------------|----------------|
| 10 119<br>D0015<br>1.00  |  | IMPROVE SAFETY AND TRAFFIC FLOW AT THE INTERSECTION OF KY 15 (MP 9.486) AT KY 191/KY 15S IN WOLFE COUNTY. (INTERSECTION #16 IN DISTRICT 10 INTERSECTIONS STUDY 2015)                          | WOLFE     | 119-KY-0015 - 000 | RECONSTRUCTION |
| 11 066<br>B0421<br>29.30 |  | CORRECT POOR PAVEMENT, SUBSTANDARD CURVES, AND INADEQUATE LANES AND SHOULDERS IN ORDER TO IMPROVE CONNECTABILITY, MOBILITY, AND SAFETY ON US 421 FROM TRACE BRANCH/WARBRANCH ROAD TO MOZELLE. | LESLIE    | 066-US-0421 - 000 | RELOCATION     |
| 10 013<br>D0205<br>9.00  |  | MINOR WIDENING ALONG KY 205 FROM .168 MILES NORTH OF KY 1812 TO .265 MILES SOUTH OF PEGGS FORK RD.  | BREATHITT | 013-KY-0205 - 000 | MINOR WIDENING |

**KRADD WATER PRIORTIZATION PROJECTS  
FISCAL YEAR '18**

| Regional Rank By Points | County's Priority | County Rank By Points | County    | PNUM                       | Applicant                                 | Project Title  | Total Points |
|-------------------------|-------------------|-----------------------|-----------|----------------------------|---|--|--------------|
| 7                       | 1                 | 1                     | Breathitt | WX21025051                 | City of Jackson                           | Jackson Water Treatment Plant Upgrade                                | 58           |
| 8                       | 2                 | 2                     | Breathitt | WX21025008                 | Breathitt County Water District           | Breathitt County Hwy 30 East and KY 542 Lambric Waterline Extensions | 56           |
| 16                      | 3                 | 3                     | Breathitt | WX21025054                 | City of Jackson                           | KY 15 Waterline Extension  | 46           |
| 2                       | 1                 | 1                     | Knott     | WX21119024                 | Troublesome Creek Environmental Authority | Highway 80 Drone Port Water Project                                  | 75           |
| 17                      | 2                 | 2                     | Knott     | WX21119011                 | City of Hindman                           | Hindman Waterline Extensions   | 43           |
| 5                       | 1                 | 1                     | Lee       | WX21129004                 | City of Beattyville                       | Beattyville - Bear Track Waterline Replacement                       | 60           |
| 3                       | 2                 | 1                     | Leslie    | WX21131011                 | Hyden-Leslie County Water District        | Phase III a Water System Improvements                                | 65           |
| 13                      | 1                 | 2                     | Leslie    | WX21131002                 | Hyden-Leslie County Water District        | Phase III b Water System Improvements                                | 48           |
| 19                      | 3                 | 3                     | Leslie    | <a href="#">WX21131004</a> | Hyden-Leslie County Water District        | Phase IV Water System Improvements                                   | 41           |
| 20                      | 4                 | 4                     | Leslie    | WX21131006                 | Hyden-Leslie County Water District        | Phase VI Water System Improvements                                   | 40           |
| 25                      | 5                 | 5                     | Leslie    | WX21131009                 | Hyden-Leslie County Water                 | SR 1850 Rye Cove Waterline Extension                                 | 40           |

|    |    |    |         |                                 | District  |   |    |
|----|----|----|---------|---------------------------------|---|---|----|
| 1  | 1  | 1  | Letcher | WX21133<br>035                  | Letcher<br>County<br>Water &<br>Sewer<br>District | Water Line Extensions for Federal<br>Prison Facility at Roxanna | 75 |
| 14 | 2  | 2  | Letcher | WX21133<br>058                  | City of<br>Jenkins                                | KY 805 Crossing, City Tank and Side<br>Roads in Burdine Project | 48 |
| 28 | 3  | 3  | Letcher | WX21133<br>056                  | City of<br>Jenkins                                | Elkhorn Lake Improvements                                       | 36 |
| 29 | 4  | 4  | Letcher | WX21133<br>057                  | Letcher<br>County<br>Water &<br>Sewer<br>District | Letcher County WTP Project                                      | 33 |
| 21 | 5  | 5  | Letcher | WX21133<br>055                  | City of<br>Whitesburg                             | Waterline Replacement and Water<br>Tank Rehab                   | 40 |
| 22 | 6  | 6  | Letcher | WX21133<br>038                  | City of<br>Fleming-<br>Neon                       | Waterline Improvement Project<br>Phase 3                        | 40 |
| 23 | 7  | 7  | Letcher | WX21133<br>037                  | City of<br>Fleming-<br>Neon                       | Waterline Improvement Project<br>Phase 2                        | 40 |
| 24 | 8  | 8  | Letcher | <a href="#">WX21133<br/>034</a> | City of<br>Fleming-<br>Neon                       | Fleming-Neon Waterline<br>Improvement Project - Phase I         | 40 |
| 30 | 10 | 9  | Letcher | WX21133<br>033                  | City of<br>Whitesburg                             | Whitesburg Water Treatment Plant<br>Upgrade                     | 30 |
| 31 | 9  | 10 | Letcher | <a href="#">WX21133<br/>100</a> | City of<br>Whitesburg                             | Whitesburg - Water Storage Tank<br>Replacement                  | 25 |
| 6  | 1  | 1  | Owsley  | WX21189<br>010                  | City of<br>Booneville                             | Waterline Rehabilitation Phase I                                | 60 |
| 12 | 2  | 2  | Owsley  | WX21189<br>009                  | City of<br>Booneville                             | Booneville Pump Repairs Phase II                                | 48 |
| 15 | 3  | 3  | Owsley  | <a href="#">WX21189<br/>500</a> | City of<br>Booneville                             | Booneville Radio Read Meter Project                             | 46 |
| 9  | 1  | 1  | Perry   | WX21193<br>040                  | Perry County<br>Fiscal Court                      | KY RT 80/KY RT 476 Interconnect<br>Project                      | 52 |

|    |   |   |       |                              |                                 |  |    |
|----|---|---|-------|------------------------------|---------------------------------|--|----|
| 18 | 2 | 2 | Perry | WX21193<br>041               | Perry County<br>Fiscal Court    | Buckhorn Lodge Bore Project  | 41 |
| 26 | 4 | 3 | Perry | WX21193<br>038               | City of<br>Buckhorn             | Buckhorn Regional WTP and<br>Transmission Line Project             | 40 |
| 27 | 3 | 4 | Perry | WX21193<br>038               | Perry County<br>Fiscal Court    | Perry County Radio Read Meter<br>Project                           | 36 |
| 4  | 1 | 1 | Wolfe | WX21237<br>014               | Wolfe<br>County Fiscal<br>Court | Hazel Green Water Line Extension                                   | 65 |
| 10 | 3 | 2 | Wolfe | WX21237<br>009               | City of<br>Campton              | Spring Branch, Kelse Holland Fork And<br>B. Potter Fork Water Line | 51 |
| 11 | 2 | 3 | Wolfe | <u>WX21237</u><br><u>102</u> | City of<br>Campton              | Campton Lake Dam Repair Project                                    | 48 |



**KRADD WASTEWATER PRIORTIZATION  
FISCAL YEAR '18**

| <b>Regional Rank By Points</b> | <b>County's Priority</b> | <b>County Rank By Points</b> | <b>County</b> | <b>PNUM</b>       | <b>Applicant</b>                          | <b>Project Title</b>                               | <b>Total Points</b> |
|--------------------------------|--------------------------|------------------------------|---------------|-------------------|---|--|---------------------|
| 2                              | 1                        | 1                            | Breathitt     | SX21025011        | City of Jackson                           | Jackson Wastewater Plant Upgrade                   | 70                  |
| 11                             | 2                        | 2                            | Breathitt     | SX21025009        | City of Jackson                           | Jackson Sewer Rehabilitation Project               | 58                  |
| 16                             | 3                        | 3                            | Breathitt     | SX21025012        | City of Jackson                           | KY 15 Sewer Extension                              | 46                  |
| 9                              | 1                        | 1                            | Knott         | SX21119009        | Troublesome Creek Environmental Authority | Ball Creek Phase III Wastewater Line Extension     | 60                  |
| 19                             | 2                        | 2                            | Knott         | SX21119007        | Troublesome Creek Environmental Authority | HWY 1087 Wastewater Line Extension                 | 43                  |
| 7                              | 1                        | 1                            | Lee           | <u>SX21129004</u> | City of Beattyville                       | Beattyville Sewer Rehabilitation Project           | 60                  |
| 12                             | 2                        | 2                            | Lee           | SX21129005        | City of Beattyville                       | Beattyville Highway 11 South Sewer Line Extension  | 53                  |
| 25                             | 3                        | 3                            | Lee           | SX21129007        | City of Beattyville                       | Beattyville - Wastewater Treatment Plant Expansion | 36                  |
| 6                              | 3                        | 1                            | Leslie        | SX21131003        | City of Hyden                             | Hyden - Town Rehab Phase III                       | 61                  |
| 8                              | 1                        | 2                            | Leslie        | <u>SX21131002</u> | City of Hyden                             | Hyden - Wastewater Expansion Phase II              | 60                  |
| 14                             | 2                        | 3                            | Leslie        | SX21131211        | City of Hyden                             | Hyden - Wooton Sewer Plant Project                 | 48                  |
| 29                             | 4                        | 4                            | Leslie        | <u>SX21131004</u> | City of Hyden                             | Hyden - Sanitary Sewer Extensions Phase III        | 35                  |
| 10                             | 2                        | 1                            | Letcher       | SX21133018        | Letcher County Water & Sewer District     | WWTP for Federal Prison at Roxanna                 | 60                  |
| 13                             | 1                        | 2                            | Letcher       | SX21133017        | Letcher County Fiscal Court               | Roxana Prison Pressure Sewer Project               | 53                  |

|    |   |   |         |                            |   |   |    |
|----|---|---|---------|----------------------------|---|---|----|
| 17 | 5 | 3 | Letcher | SX21133015                 | City of Fleming-Neon                      | Fleming-Neon Sewer Rehabilitation Project               | 45 |
| 22 | 3 | 4 | Letcher | SX21133644                 | City of Jenkins                           | Jenkins Dairy Hollow Sewer Extension                    | 41 |
| 23 | 4 | 5 | Letcher | SX21133020                 | City of Jenkins                           | Jenkins - Wastewater Treatment Plant Improvements       | 40 |
| 26 | 6 | 6 | Letcher | SX21133021                 | City of Whitesburg                        | Sewer Lift Station Rehab                                | 35 |
| 27 | 7 | 7 | Letcher | SX21133022                 | City of Whitesburg                        | Whitesburg Wastewater Treatment Plant Upgrade Project   | 35 |
| 28 | 8 | 8 | Letcher | SX21133016                 | City of Fleming-Neon                      | Fleming-Neon WWTP Upgrade                               | 35 |
| 3  | 1 | 1 | Owsley  | <a href="#">SX21189005</a> | City of Booneville                        | Booneville I/I Replacement Project                      | 65 |
| 15 | 3 | 2 | Owsley  | <a href="#">SX21189003</a> | City of Booneville                        | Booneville - Highway 11 Sewer Extensions                | 46 |
| 18 | 2 | 3 | Owsley  | <a href="#">SX21189002</a> | City of Booneville                        | Booneville Pump Station Rehab                           | 43 |
| 4  | 1 | 1 | Perry   | SX21193020                 | Troublesome Creek Environmental Authority | HWY 80 Sewer Collection Project Phase III               | 65 |
| 20 | 2 | 2 | Perry   | SX21193011                 | Perry County Sanitation District          | PCSD#1 - Chavies Wastewater Collection System - Phase 4 | 43 |
| 21 | 3 | 3 | Perry   | SX21193013                 | Perry County Sanitation District          | Wendell H. Ford Airport Subdivisions Sewer System       | 41 |
| 24 | 4 | 4 | Perry   | SX21193051                 | Troublesome Creek Environmental Authority | TEA - Perry County Sewer Project Phase I                | 40 |
| 1  | 1 | 1 | Wolfe   | SX21237007                 | Wolfe County Sanitation District          | Hazel Green Wastewater Collection System Phase 1        | 80 |
| 5  | 2 | 2 | Wolfe   | <a href="#">SX21237006</a> | Wolfe County Sanitation District          | Hazel Green Wastewater Collection System Phase 2        | 63 |

2018 ECONOMIC DEVELOPMENT PROJECTS

| COUNTY    | ENTITY                                    | PROJECT  |
|-----------|---|--|
| Regional  | Troublesome Creek Environmental Authority | <b>Troublesome Creek Environmental Authority – Highway 80 Sewer Collection Project Phase III and Highway 80 Drone Port Water Project</b> – Project will construct sewer service to 159 households and the Drone Port in Perry and Knott Counties.  |
| Breathitt | Breathitt County Fiscal Court             | <b>South Fork Elk View Campground and Expo Center Phase Two</b> – Phase two will focus on improving the area for economic development. Current plans include developing the campground area to include 20 tent sites and 24 full RV hook up sites. This will include grading, gravel roads, camping pads, on-site electric, water and sewer, minor landscaping, a small playground area, RV sewer dump station holding tank, septic system, bath house and fencing. Plans also include 11 cabins furnished with 2 bedrooms and 1 bath. This phase also includes a fully functional Visitor Center and an Expo Center that will be 40,500 sq. feet and will include a barn and stable area for holding animals for events and shows, a staging area inside the building, classroom/meeting facilities, a kitchen area, a center ring, an outside ring, a parking lot, and a trailer/RV parking area. The Fiscal Court has applied for \$500,000 from ARC and \$3,681,487 from AML Pilot funds.  |
| Breathitt | City of Jackson                           | <b>Douthitt/Kiwanis Intergenerational Park Project</b> – funded by ARC Flexi-grant the project will construct a 9 hole mini golf course  |
| Breathitt | City of Jackson                           | <b>City of Jackson – Jackson Waterline Replacement Project Phase I</b> - This project will replace the existing aging lines in the downtown area with new 2", 4", 6", 8" and 10" PVC lines. This will assist the City in reducing high water loss that they are currently experiencing due to water line breaks. The current infrastructure located in the downtown area was installed in the early 1900's and has exceeded its useful life. Replacing these lines and reducing line breaks will also reduce stress on the water treatment plant. The project will begin at the Highland water tank and proceed towards the center of downtown. The project will encompass all of what is considered the downtown area which includes the following streets: Main Street, Highland Avenue, Hurst Avenue, Short Street, Patton Avenue, Jefferson Avenue, Smith Lane, Hogg Street, Cherry Street, Warrix Drive, River Street, Sycamore, Street, Hawk Street, Broadway, Bays Street, Elm Street, Court Street, Hargis Lane, Ison Street, Washington Avenue, Lincoln Avenue and Kentucky Avenue as funding allows. An ARC has been submitted and a CDBG will be submitted in the Spring. |
| Breathitt | Breathitt County Fiscal Court             | <b>Community Facilities Grant for Animal Control Vehicle</b> – The Breathitt County Fiscal Court will purchase a vehicle to use for animal control.  |
| Breathitt | City of Jackson                           | <b>City of Jackson – Jackson Sewer Rehabilitation Project</b> – Project will rehab existing sewer lines in the City of Jackson sewer system. An SRF has been applied for in the amount of \$1,017,000.   |
| Breathitt | Breathitt County Water District           | <b>Breathitt Waterline Extensions Project</b> – The project will extend new water service to Warshoal Road, Robinson Fork, Old Bailey Road and Rode Fork Road serving a total of 30 households. The project will also update telemetry in the system. An ARC application was submitted for \$750,000   |
| Breathitt | Breathitt County Water District           | <b>Breathitt County HWY 30 East and KY 542 Lambric Waterline Extensions</b> - Waterline extension starting near the Rousseau Elementary School and extending to the county line and includes sideroads. Total project costs are estimated at \$1,500,000 and the District expects to apply for ARC.  |

|           |                                       |  |
|-----------|---------------------------------------|--|
| Breathitt | City of Jackson                       | <b>Jackson Water Treatment Plant Upgrade</b> - Modify and upgrade the raw water screening and sand removal systems to better handle periodic heavy loads of leaves and sand during periods of high flow in the North Fork of the Kentucky River. upgrade the existing plant to better remove raw water turbidity during periods of high river flow. Modify the ACTIFLO treatment system, which is one of the manufacturer's early designs, for better performance. Upgrade and renovate filter controls, filter valves, and chemical feed systems. Replace the obsolete SCADA and telemetry systems in the plant. The plant capacity will remain unchanged at 2.5 MGD. Total project cost is expected to be \$1,994,812 and is in the planning stages. |
| Knott     | City of Hindman                       | <b>Hindman Sewer Rehabilitation Project</b> – ARC \$500,000, Section 531 \$550,000 and RD \$150,000  |
| Knott     | Knott County Fiscal Court             | <b>Troublesome Creek Stringed Instruments Company and Quiltmaker Inn Project</b> – AML Pilot submitted for \$5,600,000 for the \$7,100,000 Project cost – will serve 53,880 clients and create 40 jobs.  |
| Knott     | Knott County Fiscal Court             | <b>Knott County Campground Project</b> – AML Pilot application submitted for \$700,000. Project will serve 3,000 clients and create 12 jobs.   |
| Knott     | City of Hindman                       | <b>Waterline Extension Project</b> – Project will extend new water service to 106 residents. ARC pre application submitted for \$615,000. A CDBG application will be submitted for the balance.  |
| Lee       | City of Beattyville                   | <b>Beattyville Town Square and Farmers Market</b> – Project will construct a covered shelter, farmers market stands and stage for concerts and outdoor theatre productions.  |
| Lee       | Lee County Fiscal Court               | <b>Three Forks Artisan Center</b>  |
| Lee       | City of Beattyville                   | <b>Old City Hall Brownsfield Clean-up Grant</b>  |
| Lee       | City of Beattyville                   | <b>Beattyville Sewer Rehab Project</b> - The project will rehab existing sewer service to reduce I/I.  |
| Letcher   | City of Whitesburg                    | <b>Daniel Boone Hotel Stabilization Project</b> – funded with \$1,000,000 ARC and POWER funds. The project will allow the Daniel Boone Hotel in Whitesburg to be stabilized, mold removal and demolition and a temporary roof put on.  |
| Letcher   | City of Whitesburg                    | <b>Daniel Boone Hotel Renovation Project</b> – the project will renovate the building for multi-purpose use as a hotel, restaurant, retail, etc. The total cost is in excess of \$6,000,000. AML Nexus funds will be applied for in Fall of 2018 for Phase II in the amount of \$2,450,000. The project will serve 30,000 clients and create 43-45 jobs..  |
| Letcher   | Letcher County Fiscal Court           | <b>Line Fork Fiber to the Premise Project</b> – the project will allow for construction and design to run fiber to the community of Line Fork in Letcher County. ARC and POWER funds have been applied for to fund the project.  |
| Letcher   | Letcher County Fiscal Court           | <b>Regional Interconnect &amp; Distribution Lines Cumberland River Phase IV</b> – funding applied for includes CDBG \$1,000,000 and ARC \$500,000. The project will allow 210 households to get new water service in the Cumberland River area of Letcher County.  |
| Letcher   | Letcher County Water & Sewer District | <b>Federal Prison Waterline Extension Project</b> – The project will extend new water service to the federal prison site. The project will be funded through AML.  |
| Letcher   | Letcher County Water & Sewer District | <b>WWTP for Federal Prison at Roxanna</b> – The project will construct an onsite WWTP to serve the federal prison. Funding is being sought.  |
| Letcher   | City of Jenkins                       | <b>Emergency Vehicle Purchase</b> – Project will allow for the purchase of an emergency vehicle. Funding Applied for Community Facilities \$29,789 and Local \$9,930.  |
| Letcher   | City of Jenkins                       | <b>Elkhorn Lake Improvements Project</b> – Project will repairs to the dam which is the water supply for the City of Jenkins Water   |

|         |  |   |
|---------|--|---|
|         |  | System. The project will also do some other improvements around the lake. AML Pilot Application submitted for \$2,580,000   |
| Letcher | City of Whitesburg                         | <b>Waterline Replacement and Tank Rehab Project</b> – ARC pre-application submitted for \$652,000.  |
| Letcher | City of Fleming-Neon                       | <b>Waterline Improvement Phase I</b> – The project will rehab existing lines. ARC pre-application submitted for \$1,000,000. Will submit a CDBG and KIA application.  |
| Letcher | City of Jenkins                            | <b>KY 805 Crossing, City Tank and Side Roads in Burdine Project</b> – The project will replace existing water lines and tank. Project will serve 159 residents. ARC pre-application submitted for \$1,537,000   |
| Letcher | City of Fleming-neon                       | <b>Sewer Rehabilitation Project</b> – Project will rehab existing sewer service and reduce I/I.   |
| Letcher | City of Whitesburg                         | <b>Water Storage Tank Rehabilitation</b> – The project will clean, paint and inspect six existing tanks in the Whitesburg water system.   |
| Owsley  | Owsley County Fiscal Court                 | <b>Body Armor Purchase Project</b> - Law Enforcement Protection Program \$2,660. The project will purchase 4 new body armor vests.  |
| Owsley  | City of Booneville                         | <b>Emergency Vehicle Purchase</b> – Community Facilities Grant to purchase a new emergency vehicle for the police department  |
| Owsley  | Owsley County Fiscal Court                 | <b>Duty Weapon Purchase Project</b> – Purchase of 5 duty and 5 off duty weapons for the Owsley County Sheriff's Department  |
| Owsley  | Owsley County Fiscal Court                 | <b>Owsley County Jail Renovation Project</b> – Convert old jail into a bed and breakfast.   |
| Owsley  | Owsley County Fiscal Court                 | <b>Owsley County Recreation Center Energy Efficiency Project</b> – Install solar panels   |
| Owsley  | Owsley County Fiscal Court                 | <b>Owsley County Park</b> – Improvements to the park.   |
| Owsley  | Owsley County Fiscal Court                 | <b>Sturgeon Creek Adventures</b> – AML Pilot Application submitted for \$2,095,000. The project will create an adventure park including a campground. The project will serve 50,000 clients per year and create 19 jobs.  |
| Owsley  | City of Booneville                         | <b>Booneville I/I Rehabilitation Project</b> – ARC pre-application submitted for \$800,000  |
| Perry   | Perry County Sanitation District – Chavies | <b>Chavies WWTP Collection Phase 2</b> – ARC \$500,000 and Local \$125,000 to construct new sewer lines. Project complete.  |
| Perry   | Perry County Fiscal Court                  | <b>Drone Port of Kentucky Project</b> – the project will provide planning for the implementation of a Drone Port of Kentucky project that will create over 200 jobs within 5 years after implementation.  |
| Perry   | Perry County Fiscal Court                  | <b>Buckhorn Lodge Bore Project</b> – The project will repair a waterline that serves the Buckhorn Lake State Resort Park Lodge. The land around the existing line slips causing the line to break leaving the lodge without a water source. AML Pilot submitted for \$97,290. The project will serve 30,000 clients and retain 38 jobs. |
| Perry   | Perry County Fiscal court                  | <b>Laurel Mountain Road Waterline Extension Project</b> - CDBG \$287,023 and Local \$71,756. The project will construct new waterline service to approximately 30 homes.  |
| Perry   | Perry County Fiscal Court                  | <b>Upper Second Creek Sewer Extension Project</b> – extend 11 miles of sewer collection serving 241 homes and businesses  |
| Perry   | Perry County Water & Sewer                 | <b>Vicco Wastewater Plant/Line Replacements</b> – new package treatment plant adjacent to the existing plant.   |
| Perry   | Perry County Fiscal Court                  | <b>Perry Park Revitalization Project</b> – complete rework/expansion of the Perry County Park.  |
| Perry   | Perry County Fiscal Court                  | <b>Perry County Facilities Energy Efficiency Upgrades</b> – energy efficiency retrofits for Courthouse, justice center, etc.  |
| Perry   | Perry County Fiscal Court                  | <b>South Perry Elementary Access Road</b> – Develop road to access the proposed South Perry Elementary School site.   |
| Perry   | Perry County Fiscal Court                  | <b>Challenger Center Stem Program Funding</b> – Funding for 3 additional instructor's salaries for 2 years.   |
| Perry   | Perry County Fiscal                        | <b>Brownsfield Redevelopment</b> – Repurpose EPA designated   |

|       |                                  |   |
|-------|----------------------------------|---|
|       | Court                            | Brownsfield sites.  |
| Perry | Perry County Fiscal Court        | <b>Golf Course Development</b> – Develop a premier 18 hole golf course  |
| Perry | Perry County Fiscal Court        | <b>Regional Recycle Center Project</b> – public/private recycle repurpose center.   |
| Perry | Perry County Fiscal Court        | <b>Wellness Center-</b> develop a new wellness center.  |
| Perry | Perry County Fiscal Court        | <b>Small Business Assistance Incubator Facility</b> – Provide a shared resources Small business Creation.   |
| Perry | Perry County Fiscal Court        | <b>Regional Water Park</b> – Construction of a 12 month in-door/out-door park and lodging   |
| Perry | City of Hazard                   | <b>Emergency Vehicle Purchase Project</b> – \$110,000 for the purchase of 2 emergency vehicles for the Fire Department. Funded through Community Facilities Grant   |
| Wolfe | Hazel Green Community Church     | <b>Hazel Green Academy Administration/Auditorium/Gym Brownsfield Clean-up Grant</b>   |
| Wolfe | Wolfe County Fiscal Court        | <b>Hazel Green WWTP &amp; Collection Line Project</b> - CDBG \$1,000,000; ARC \$500,000 and KIA \$1,789,150   |
| Wolfe | City of Campton                  | <b>Campton Emergency Vehicle Purchase Project</b>   |
| Wolfe | Wolfe County Sanitation District | <b>Hazel Green Wastewater Collection System Phase 1</b> - will construct a new 200gpm pump station at Helechawa where the Chop Shop is located and extend 52,230 LF of 6” force main to the West Liberty Morgan Central (WLMC) Lift Station to then be pumped to and treated by the West Liberty WWTP. The WLMC Lift Station would be upgraded from the existing capacity of 98 gpm to 300 gpm to accommodate future flow. This project will allow the Chop Shop to add a second shift to their production increasing their staff by additional 38 employees. It will also assist in the retention of 39 employees. An AML Pilot has been applied for in the amount of \$1,840,000. |

# EVALUATION / PERFORMANCE MEASURES

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The strategic plan will be reviewed annually. During the coming year, under the oversight of the Board of Directors and Staff assistance, each committee of the KRADD Board of Directors will be responsible for implementation of the various development strategies. The committees will continue to function to ensure that implementation takes place. Periodic reports will be made to the Kentucky River ADD Board of Directors, the Comprehensive Economic Development Strategy Committee, other appropriate groups and individuals directly involved with the various strategies of projects. Work will continue with various community groups to implement specific strategies at the community level.

Several performance measures will be utilized to evaluate the success of this document which includes:

1. Number of jobs created
2. Number and types of investment
3. Number of jobs retained
4. Amount of Private Sector Investment
5. Median Household Income
6. Unemployment Rate
7. Poverty Rate
8. Population
9. Education Attainment Rate

| KRADD Board of Directors |                            |                                |
|--------------------------|----------------------------|--------------------------------|
| OFFICERS                 |                            |                                |
| Scott Alexander          | Chairman                   | Judge Executive Perry County   |
| Pam Pilgrim              | Vice-Chairman              | Citizen Member Wolfe County    |
| Tracy Niece              | Treasurer                  | Mayor City of Hindman          |
| Jim Ward                 | Secretary                  | Judge Executive Letcher County |
| Jack Burkich             | Parliamentarian            | Citizen Member Letcher County  |
| NAME                     | TITLE                      | BOARD POSITION                 |
| BREATHITT COUNTY         |                            |                                |
| John Lester Smith        | Judge Executive            | Member                         |
| Rose Wolfe               | Mayor City of Jackson      | Member                         |
| Ray Moore                |                            | Citizen Member                 |
| Ellis Tincher            |                            | Citizen Member                 |
| Gary Campbell            |                            | Citizen Member                 |
| KNOTT COUNTY             |                            |                                |
| Zach Weinberg            | Judge Executive            | Treasurer                      |
| Scott Cornett            | Mayor City of Pippa Passes | Member                         |
| Tracy Niece              | Mayor City of Hindman      | Parliamentarian                |
| Kimberly King            |                            | Citizen Member                 |
| Larry Perkins            |                            | Citizen Member                 |
| Larry Parke              |                            | Citizen Member                 |
| LEE COUNTY               |                            |                                |
| Steve Mays               | Judge Executive            | Member                         |
| John S. Smith            | Mayor City of Beattyville  | Member                         |
| Everett Marshall         |                            | Citizen Member                 |
| Doug Brandenburg         |                            | Citizen Member                 |
| LESLIE COUNTY            |                            |                                |
| Jimmy Sizemore           | Judge Executive            | Member                         |
| Carol Joseph             | Mayor City of Hyden        | Member                         |
| Hiram Cornett            |                            | Citizen Member                 |
| Eugene Stewart           |                            | Citizen Member                 |
| LETCHER COUNTY           |                            |                                |
| Jim Ward                 | Judge Executive            | Member                         |
| Todd DePriest            | Mayor City of Jenkins      | Chairman                       |
| James W. Craft           | Mayor City of Whitesburg   | Member                         |
| Susan Polis              | Mayor City of Fleming-Neon | Member                         |
| Jack Burkich             |                            | Citizen Member                 |
| Fred Hall                |                            | Citizen Member                 |
| OWSLEY COUNTY            |                            |                                |
| Cale Turner              | Judge Executive            | Member                         |
| Charles Long             | Mayor City of Booneville   | Member                         |
| Dale Bishop              |                            | Citizen Member                 |
| PERRY COUNTY             |                            |                                |
| Scott Alexander          | Judge Executive            | Vice-Chairman                  |
| Jimmy Lindon             | Mayor City of Hazard       | Member                         |
| Tom Burns                | Mayor Village of Buckhorn  | Member                         |
| Derrick Bowling          |                            | Citizen Member                 |
| Johnny Cummings          | Mayor City of Vicco        | Member                         |
| Gregory Whitson          |                            | Citizen Member                 |
| Freddie Combs            |                            | Citizen Member                 |
| Meriwether Wash-Hall     |                            | Citizen Member                 |
| WOLFE COUNTY             |                            |                                |
| Dennis Brooks            | Judge Executive            | Member                         |
| Raymond Banks            | Mayor City of Campton      | Member                         |
| Shirley Halcomb          |                            | Citizen Member                 |
| Pam Pilgrim              |                            | Secretary                      |



## KRADD 2017 CEDS COMMITTEE

| COUNTY    | NAME              | TITLE/ORGANIZATION                              |
|-----------|-------------------|---|
| Regional  | Angelia Hall      | Associate Director, CED, KRADD                  |
| Regional  | Michelle Allen    | Executive Director, KRADD                       |
| Regional  | Donna Hardin      | Community & Economic Development Planner, KRADD |
| Regional  | Jennifer McIntosh | Water/Wastewater Planner, KRADD                 |
| Regional  | Eunice Holland    | Transportation Planner, KRADD                   |
| Regional  | Shana Agee        | Public Administration Specialist                |
| Regional  | Shannon Ratliff   | Community & Economic Development Planner, KRADD |
| Perry     | Scott Alexander   | Judge Executive                                 |
| Perry     | Jimmy Lindon      | Mayor City of Hazard                            |
| Perry     | Betsy Clemons     | Perry County Chamber of Commerce                |
| Regional  | Trish Adams       | EKCEP   |
| Knott     | Zach Weinberg     | Judge Executive                                 |
| Knott     | Tracy Niece       | Mayor City of Hindman                           |
| Knott     | Scott Cornett     | City of Pippa Passes                            |
| Breathitt | John Lester Smith | Judge Executive                                 |
| Breathitt | Rose Wolfe        | Mayor City of Jackson                           |
| Breathitt | Ellis Tincher     | Private Business                                |
| Lee       | Steve Mays        | Judge Executive                                 |
| Lee       | John Smith        | Mayor City of Beattyville                       |
| Leslie    | Jimmy Sizemore    | Judge Executive                                 |
| Leslie    | Carol Joseph      | Mayor City of Hyden                             |
| Perry     | Hank Spalding     | Private Business                                |
| Letcher   | Jim Ward          | Judge Executive                                 |
| Letcher   | Susan Polis       | Mayor City of Fleming-Neon                      |
| Letcher   | James W. Craft    | Mayor City of Whitesburg                        |
| Letcher   | Todd DePriest     | Mayor City of Jenkins                           |
| Owsley    | Cale Turner       | Judge Executive                                 |
| Owsley    | Charles Long      | Mayor City of Beattyville                       |
| Owsley    | Dale Bishop       | Private Business                                |
| Wolfe     | Dennis Brooks     | Judge Executive                                 |
| Wolfe     | Raymond Banks     | Mayor City of Campton                           |

**KENTUCKY RIVER AREA DEVELOPMENT DISTRICT  
STAFF**

| <b>NAME</b>       | <b>TITLE</b>   |  | <b>NAME</b>       | <b>TITLE</b>                                    |
|-------------------|--|--|-------------------|---|
| Michelle Allen    | Executive Director                                   |  | Sara Brandenburg  | Homecare Case Manager                           |
| Kim Coomer        | Associate Director of Finance                        |  | Sherry Burchell   | Title V Coordinator/Human Services Planner      |
| Karlana Campbell  | Human Resource Coordinator                           |  | Sheila Cornett    | Long Term Care Ombudsman                        |
| Debi Maggard      | Staff Accountant                                     |  | Mark Stone        | PDS Service Advisor                             |
| Trish Mullins     | Staff Accountant                                     |  | Tracy Baker       | ADRC Coordinator                                |
| Deanna Gagne      | Staff Accountant                                     |  | Stephanie Caudill | Homecare Aide                                   |
| Desiree Walker    | Staff Accountant                                     |  | Andrea Graham     | Homecare Aide                                   |
| Angelia Hall      | Associate Director, Community & Economic Development |  | Heather Troutt    | Homecare Aide                                   |
| Donna Hardin      | Community & Economic Development Specialist          |  | Melissa Cornett   | Homecare Aide                                   |
| Shannon Ratliff   | Community & Economic Development Specialist          |  | Pauline Simpson   | Homecare Aide                                   |
| Shana Agee        | Public Administration Specialist                     |  | Marcia Turner     | Supervisor, Participant Directed Services (PDS) |
| Jennifer McIntosh | Water & Wastewater Planner                           |  | Andrea Dixon      | PDS Service Advisor                             |
| Eunice Holland    | Transportation Planner                               |  | Andrea Carter     | PDS Service Advisor                             |
| John Chester      | GIS/GPS Specialist/IT Manager                        |  | Crystal Campbell  | PDS Service Advisor                             |
| Paul Maxson       | GPS Technician/Facility Manager                      |  | Jessica Wireman   | PDS Service Advisor                             |
| Betty Combs       | Receptionist/Secretary                               |  | Tonya Lowe        | PDS Service Advisor                             |
| Stacie Noble      | Associate Director, Human Services                   |  | Carmen Brock      | Senior Center Cook                              |
| Jane Olinger      | Human Services Assistant/Ship Coordinator            |  | Betty Snowden     | Senior Center Cook                              |
| Emily Slone       | Homecare Case Manager/PDS Service Advisor            |  | Dena Brooks       | Senior Center Director                          |
| Debbie Baker      | Senior Center Director                               |  | Teresa Bowling    | Senior Center Director                          |
| Sarah Langdon     | Support Staff  |  |                   |   |
|                   |  |  |                   |   |
|                   |  |  |                   |   |
|                   |  |  |                   |   |

## POPULATION HISTORY

| AREA      | 1970    | 1980    | 1990    | 2000    | 2010    |
|-----------|---------|---------|---------|---------|---------|
| KRADD     | 107,245 | 134,437 | 123,495 | 120,656 | 114,762 |
| BREATHITT | 14,221  | 17,004  | 15,703  | 16,100  | 13,878  |
| KNOTT     | 14,698  | 17,940  | 17,906  | 17,649  | 16,346  |
| LEE       | 6,587   | 7,754   | 7,422   | 7,916   | 7,887   |
| LESLIE    | 11,623  | 14,882  | 13,642  | 12,401  | 11,310  |
| LETCHER   | 23,165  | 30,687  | 27,000  | 25,277  | 24,519  |
| OWSLEY    | 5,023   | 5,709   | 5,036   | 4,858   | 4,755   |
| PERRY     | 26,259  | 33,763  | 30,283  | 29,390  | 28,712  |
| WOLFE     | 5,669   | 6,698   | 6,503   | 7,065   | 7,355   |

## POPULATION CHANGE %

| AREA      | 1990    | 2000    | 2010    | % CHANGE |
|-----------|---------|---------|---------|----------|
| KRADD     | 123,495 | 120,656 | 114,762 | -7.07%   |
| Breathitt | 15,703  | 16,100  | 13,878  | -11.6%   |
| Knott     | 17,906  | 17,649  | 16,346  | -8.7%    |
| Lee       | 7,422   | 7,916   | 7,887   | -.04%    |
| Leslie    | 13,642  | 12,401  | 11,310  | -17.3%   |
| Letcher   | 27,000  | 25,277  | 24,519  | -9.2%    |
| Owsley    | 5,036   | 4,858   | 4,755   | -5.6%    |
| Perry     | 30,283  | 29,390  | 28,712  | -5.2%    |
| Wolfe     | 6,503   | 7,065   | 7,355   | +11.5%   |

## Poverty Rates. Per Capita Income & Median Household Income 2017 Estimates

| AREA             | % poverty | Per Capita Income | Median Household Income |
|------------------|-----------|-------------------|-------------------------|
| Breathitt County | 33.5%     | \$15,798          | \$25,484                |
| Knott County     | 31.6%     | \$17,761          | \$28,165                |
| Lee County       | 38.4%     | \$13,873          | \$21,185                |
| Leslie County    | 32.5%     | \$14,653          | \$25,282                |
| Letcher County   | 29.8%     | \$17,181          | \$29,181                |
| Owsley County    | 37.1%     | \$16,553          | \$22,106                |
| Perry County     | 27.4%     | \$19,697          | \$31,578                |
| Wolfe County     | 40.8%     | \$14,274          | \$21,797                |

## KRADD EMPLOYMENT STATISTICS

**2016 Employment Total 37,490**

|                  |        |                    |       |
|------------------|--------|--------------------|-------|
| Service Jobs     | 5,848  | % Service Jobs     | 15.6% |
| Health Care Jobs | 10,347 | % Health Care Jobs | 27.6% |
| Government Jobs  | 8,548  | % Government Jobs  | 22.8% |
| Mining Jobs      | 1,687  | % Mining Jobs      | 4%    |

| Direct Mine Employment 2009 |       |  | Direct Mine Employment 2015 |     |  | Percent Change |
|-----------------------------|-------|--|-----------------------------|-----|--|----------------|
| Breathitt County            | 110   |  | Breathitt County            | 48  |  | -56.37%        |
| Knott County                | 1,327 |  | Knott County                | 252 |  | -81.00%        |
| Lee County                  | 104   |  | Lee County                  |     |  | -100.00%       |
| Leslie County               | N/R*  |  | Leslie County               | 245 |  |                |
| Letcher County              | 1,191 |  | Letcher County              | 185 |  | -84.46%        |
| Owsley County               |       |  | Owsley County               | 3   |  |                |
| Perry County                | 2,292 |  | Perry County                | 966 |  | -57.85%        |
| Wolfe County                |       |  | Wolfe County                | 10  |  |                |

| Direct Mine Employment 2015 |     |  | Direct Mine Employment 2017 |     |  | Percent Change |
|-----------------------------|-----|--|-----------------------------|-----|--|----------------|
| Breathitt County            | 48  |  | Breathitt County            | 6   |  | -87.50%        |
| Knott County                | 252 |  | Knott County                | 72  |  | -71.42%        |
| Lee County                  |     |  | Lee County                  |     |  |                |
| Leslie County               | 245 |  | Leslie County               | 209 |  | -14.69%        |
| Letcher County              | 185 |  | Letcher County              | 36  |  | -80.54%        |
| Owsley County               | 3   |  | Owsley County               |     |  | -100.00%       |
| Perry County                | 966 |  | Perry County                | 649 |  | -32.81%        |
| Wolfe County                | 10  |  | Wolfe County                |     |  | -100.00%       |

\*N/R – No Reporting submitted – Counties with less than 3 employers or one employer with 80% of the total county miner workforce were withheld

## Major Employers in KY River ADD Counties

| Employer                             | City/County         | Estimated # |
|--------------------------------------|---------------------|-------------|
| KY River Medical Center              | Jackson/Breathitt   | 250-499     |
| Wal-Mart                             | Jackson/Breathitt   | 100-249     |
| Nim Henson Geriatric Center          | Jackson/Breathitt   | 100-249     |
| Breathitt County Board of Education  | Jackson/Breathitt   | 100-249     |
| Lees College                         | Jackson/Breathitt   | 50-99       |
| Jackson Independent Schools          | Jackson/Breathitt   | 50-99       |
| Home Health                          | Jackson/Breathitt   | 50-99       |
| Juvenile Justice Center              | Jackson/Breathitt   | 50-99       |
| Appalachian Regional Manufacturing   | Jackson/Breathitt   | 0-50        |
| Jackson Wholesale Company            | Jackson/ Breathitt  | 0-50        |
| TVS Cable, Inc.                      | Hindman/Knott       | 100-249     |
| Alice Lloyd College                  | Pippa Passes/Knott  | 100-249     |
| Knott Co Health & Rehab              | Hindman/Knott       | 100-249     |
| Knott County Board of Education      | Hindman/Knott       | 250-499     |
| Casey's /GA Foods                    | Hindman/Knott       | 50-99       |
| Thacker Grigsby Phone                | Hindman/Knott       | 50-99       |
| Lee Adjustment Center                | Beattyville/Lee     | 100-249     |
| Lion Apparel                         | Beattyville/Lee     | 100-249     |
| Lee County Care & Rehab Center       | Beattyville/Lee     | 100-249     |
| Xerox                                | Beattyville/Lee     | 0-50        |
| Mary Breckenridge ARH Clinic         | Hyden/Leslie        | 100-249     |
| Hyden Health & Rehab Center          | Hyden/Leslie        | 100-249     |
| Leslie County Schools                | Hyden/Leslie        | 50-99       |
| BPM Lumber                           | Hyden/Leslie        | 0-50        |
| Whitesburg ARH Hospital              | Whitesburg/Letcher  | 250-499     |
| Premier Elkhorn Coal Co.             | Jenkins/Letcher     | 100-249     |
| Letcher Manor                        | Whitesburg/Letcher  | 100-249     |
| Wal-Mart                             | Whitesburg/Letcher  | 100-249     |
| Food City                            | Whitesburg/Letcher  | 100-249     |
| Mountain Comprehensive Health        | Whitesburg/Letcher  | 100-249     |
| Letcher County Schools               | Whitesburg/Letcher  | 100-249     |
| BPM Lumber                           | Whitesburg/Letcher  | 50-99       |
| Whitaker Bank Corp.                  | Whitesburg/Letcher  | 50-99       |
| Healthcare National Marketing        | Jenkins/Letcher     | 50-99       |
| McDonalds                            | Whitesburg/Letcher  | 50-99       |
| Southeast KY Community College       | Whitesburg /Letcher | 50-99       |
| Owsley County Schools                | Booneville/Owsley   | 100-249     |
| Owsley County Healthcare             | Booneville/Owsley   | 100-249     |
| Hazard ARH Regional Medical Center   | Hazard/Perry        | 500-999     |
| Sykes Enterprises                    | Chavies/Perry       | 100-249     |
| Perry County Coal Corp.              | Hazard/Perry        | 100-249     |
| Blue Diamond Coal Co.                | Leatherwood/Perry   | 100-249     |
| Hazard Community & Technical College | Hazard/Perry        | 250-499     |

|                                 |                   |         |
|---------------------------------|-------------------|---------|
| Eastern KY Veterans Center      | Hazard/Perry      | 100-249 |
| Food City                       | Hazard/Perry      | 100-249 |
| Hazard Health & Rehab Center    | Hazard/Perry      | 100-249 |
| Wayne Supply Co.                | Hazard/Perry      | 100-249 |
| Lowe's Home Improvement         | Hazard/Perry      | 100-249 |
| Perry County Schools            | Hazard/Perry      | 100-249 |
| UK Center for Rural Health      | Hazard/Perry      | 100-249 |
| Buckhorn Children's Foundation  | Hazard/Perry      | 50-99   |
| LKLP Community Action Agency    | Hazard/Perry      | 50-99   |
| AAA Mine Service                | Hazard/Perry      | 50-99   |
| Wolfe County Health Care Center | Campton/Wolfe     | 100-249 |
| Dessie Scott Children 's Home   | Pine Ridge/Wolfe  | 50-99   |
| Wolfe County Schools            | Campton/Wolfe     | 50-99   |
| Lion Distribution               | Hazel Green/Wolfe | 50-99   |
| Kentucky River Community Care   | Regional          | 500+    |

# *Authorizing Resolution*

**Kentucky River Comprehensive Economic Development Strategy**

**Resolution**

WHEREAS, the Kentucky River Area Development District is one of fifteen Area Development Districts within the Commonwealth of Kentucky; and

WHEREAS, the Kentucky Area Development Districts, in coordination with the Governor's Office of the Department for Local Development and the Economic Development Administration, engaged in a Commonwealth-wide community-based, strategic planning process known as **the Comprehensive Economic Development Strategy**; and

WHEREAS, the Kentucky River Area Development District Board of Directors, through its CEDS Committee, completed a Comprehensive Economic Development Strategy (CEDS); and

WHEREAS, the CEDS is a process enabling Kentuckians to strategically plan for themselves through consensus management of all resources; and

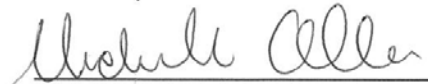
WHEREAS, the Board of Directors recognizes this plan as the Kentucky River Area Development District's consensus for future growth and revitalization in the region.

NOW, THEREFORE, BE IT RESOLVED, that the Kentucky River Area Development District Board of Directors approve and adopt the Kentucky River Comprehensive Economic Development Strategy document to the Economic Development Administration and Department for Local Development.

Adopted this 12th day of December 2018.



Chairman



Michelle Allen  
Executive Director