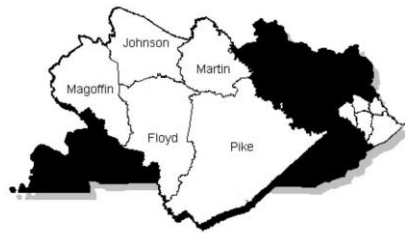


# 2017 Big Sandy Area CEDS

Comprehensive Economic Development Strategy



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2017

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# I. Executive Summary

2017 CEDS

## ***Big Sandy Comprehensive Economic Development Strategy***

The 2017 Big Sandy Comprehensive Economic Development Strategy (CEDS) is a result of the gathering of information and the participation by various key stakeholders interested in community and economic development that include representatives from chambers of commerce, tourism organizations, industrial authorities, local elected officials, workforce development agencies, educational institutions, and citizenry. The process involves a look at current activities, stakeholder strategic plans, and current conditions that results in identifying future goals for the region and the strategic actions necessary to achieve those goals. It is intended to be a guide that will assist local leaders in decision making for achieving a better quality of life and unified objectives.

Primary goals are to 1) achieve job creation and retention, 2) workforce development of the region's employee base with relevant skill sets, and 3) quality of life improvements. Objectives that are identified in the following pages reflect the need to continue with many of the efforts identified in prior years that will result in diversification and stabilization of the region's economy. The desire remains and is that the region will be in a competitive position to attract businesses and retain residents with expanded opportunities for earning a good living in eastern Kentucky. Critical components for development and growth include infrastructure improvements, affordable housing, healthcare access, and recreation. Economic development focus areas are centered upon the region's primary and developing sectors: aerospace, healthcare, technology, and tourism as well as workforce development initiatives that will educate individuals in the knowledge and skills that are relevant to employers.

For continued community development and economic growth the region will need to build upon the strategies and actions that have been identified. Making adjustments along the pathway to success will be required as the region takes chances, tries new approaches, and rebuilds its economy. Local governments are responding to the challenges by implementing projects, making tough budget decisions, and considering generation of additional revenue in order to advance the region's economy. Many have undertaken or are in the process of community planning activities that incorporate larger regional and statewide objectives. Alignment of strategies and resources in a collaborative manner will create efficiencies as well as greater effectiveness of purpose. The introduction of POWER Initiative and AML Pilot Program funding has resulted in increased efforts to implement a more effective economic development strategy. The District continues to be actively engaged in projects and planning that are or have potential to utilize these federal funds.

The economic indicators and performance measures used to evaluate the District's progress demonstrate that it may be years before improvement is reflected in the statistics. The Shaping Our Appalachian Region (SOAR) Initiative has been the change agent needed to move the region forward. The District's CEDS is aligned with the focus areas identified by SOAR and the region.



US 460 at Sookey's Creek by John Michael Johnson



## II. Summary Background

### 2017 CEDS

Historically the region has experienced economic instability associated with fluctuations of extractive industries. The region is currently on a different trajectory that will result in diversification and a more stable economy. Rebuilding the region's economic base will take years due to the need to re-train the workforce, create new academic and vocational programs, and carry out a marketing strategy that tells our story in order to attract high quality jobs to the region. While these activities are underway, creating a cohesive brand and strategy that the region's population is aware of will take time. Investments in the region over time have resulted in improved infrastructure, educational systems, and capacity. Collaboration among key stakeholders to achieve like-minded goals and objectives are occurring and will continue to be vital in an era where local resources are limited. Economic development focus through recruitment of new industry, the expansion and retention of existing industry and the development of local entrepreneurial opportunities will continue to drive actions toward building the economy in eastern Kentucky. Furthermore, the changing demographics for the region, particularly population loss, present further challenges that are not easily overcome. The culture of the region including strong ties to family and loyalty to community can be leveraged to bring former residents back to the region when additional employment opportunities become available. Quality of life improvements will also assist in these efforts.

The region's long-range goals to build a more diverse, stable economy, with increasing employment opportunities, and a skilled workforce are reflected in the following pages through identified action plans. An improved quality of life for all residents is a goal for the region.

**The guiding principles that frame the goals, objectives and strategies for future development have remained little changed and include actions by the District:**

- Economic diversification.
- Developing and marketing the area as a good place to live and work.
- Assist organizations, local governments, development authorities and others in their development efforts.
- Building a foundation for progress by developing a trained workforce of educated individuals who can compete in the global markets.
- Public sector investment in infrastructure that supports an increasing level of economic development.
- Targeting and recruitment of new industry into the region in identified sectors.
- Assisting and supporting existing business/industry within the region.

- Developing and supporting new entrepreneurial activity within the region.
- Regional approaches as standard practice to maximize resources and impact.
- Continual strategic planning at the local level that builds upon investments.

**The strategic focus categories are:**

- Infrastructure that meets the region's demands.
- Workforce development, employer and educational alignment to meet current and future employer needs.
- Sector strategies.
- Develop an environment that promotes and nurtures entrepreneurial opportunities and small business development.
- Responsible resource utilization.
- Tourism development.
- Quality of life improvements.

The region has not yet seen economic recovery from the Great Recession as compared to other areas of the Commonwealth and the nation. Lower income levels, higher unemployment rates, and population declines continue. While economic and workforce development agencies are attempting to create opportunities for employment, viable options in large enough numbers to retain skilled individuals are slow in materializing. Meanwhile, financial strains on families are resulting in residents relocating to other areas for employment. The region's Workforce Innovation Board, Eastern Kentucky Concentrated Employment Program (EKCEP) has been successful in securing funding to address some of these workforce challenges and is assisting former mining industry employees in re-training to other vocations. Additional workforce challenges include an aging population and the brain drain of students who are educated outside the region and never return.

The average annual unemployment rate for the District remains above both the state and national averages. Unemployment in the District was at 11.4% an increase of 1% over 2015 while the state and national unemployment rates have declined to 4.9%. The most current unemployment statistics show a declining rate for the region with 7.2% in September 2017. Magoffin County consistently remains at the top of the list with the highest unemployment rates among counties in the Commonwealth. As a result, poverty rates continue to remain high.

Tourism development continues as one of the emerging sectors in the region. Adventure tourism, specifically, continues to be the primary focus of the District's communities. ATV trail development planning in a multi-county initiative is underway and was greatly enhanced by the creation of the Kentucky Mountain Regional Recreation Authority and will support trail development that is similar in nature to West Virginia's and Virginia's efforts. Collaboration is occurring across state boundaries.

Healthcare continues to see growth in employment and private as well as public planned investments in facilities and services are further evidenced by growth at Pikeville Medical Center, the region's largest healthcare employer. The opening of the University of Pikeville – Kentucky College of Optometry within the last year will also continue the significant economic impact of the healthcare sector. Opportunity for expanding the sector is seen as a realistic option.

The potential for growth in primary jobs include sectors such as aerospace, advanced manufacturing, metal working, and technology. Economic development professionals are strategically seeking opportunities in these sectors and to capitalize upon the recent announcement by Braidy Industries, an aluminum producer that will complete construction of a plant north of the District in the next two years. The East Kentucky Concentrated Employment Program (EKCEP) WIB continues sector work in energy, healthcare, skilled trades, and business services, specifically technology. Teleworks USA has seen the employment of over 1,000 individuals since 2015 in home-based technology-related positions.



Kentucky College of Optometry at the University of Pikeville



Pikeville Medical Center



American Metal Works





2017 CEDS

### III. Economic SWOT Analysis

#### Economy

The average annual unemployment rate for the District remains above both the state and national averages. The most current unemployment statistics show a declining rate during 2017 for counties in the region with an overall District rate of 8.8% in August while the August unemployment rate for Kentucky was 5.5% and 4.4% for the U.S. Magoffin County consistently remains at the top of the list with the highest unemployment rates among counties in the Commonwealth.

Job growth across the state has been far less than the growth seen across the nation since the Great Recession with fewer people employed today in all of the Big Sandy District than before the nation's economic downturn. According to *The State of Working Kentucky 2016* Pike and Floyd counties saw the largest population declines of all 120 counties across the state between 2010 and 2015, a total of 5,336 people. This loss of population can be directly correlated to the collapse of the coal industry and the relocation of families to other regions for the purpose of seeking employment. In recent months the District has seen the re-opening of mines on a limited basis with coal production in the second quarter rising slightly from the previous year. Employment in the industry is down an additional 229 in the second quarter of 2017 compared to the prior year (Kentucky Coal Facts Report-2<sup>nd</sup> Quarter 2017). This long-term decline has resulted in federal, state, regional, and local leaders seeking alternatives to employment in traditional industries.

The occupations showing the largest employment in the District include office support, sales, healthcare practitioners, education, and transportation occupations. Retail and service sectors show the largest employment numbers. The challenges associated with employment in these sectors include the fact that these jobs are among the lowest paying jobs in the region. The three largest cities within the region are Pikeville, Prestonsburg, and Paintsville. Located along the US 23 corridor, they are considered retail hubs for surrounding communities. Healthcare and related businesses remain strong with growth anticipated over time in these higher wage positions. Replacement of higher wage jobs for the average worker continues to be the focus. Projections for

#### Regional Strengths:

- Regional vision
- educational systems, multi-level
- available workforce
- quality of life facilities
- natural resources
- capacity for collaboration
- availability of land in industrial parks
- financial industry
- healthcare sector
- technology infrastructure
- leadership focused in region
- strong local businesses supporting economy (engaged)
- transportation network
- general hospitality of population
- tourism, attractions

### Regional Weaknesses:

- educational programs do not match job availability
- educational attainment
- waste water management, service to outlying areas
- housing affordability
- cost to develop land
- work ethic of subset of workforce, entitlement attitude
- aging population
- drug abuse and resulting family effects
- lack of vision in leadership
- territorialism
- lack of public transportation
- under employed
- lack of development guidelines, zoning
- Mountain Parkway expansion, incomplete

employment growth through 2024 show gains of 3.36% for the EKCEP workforce region with sales, office, and food prep having the greatest number of annual openings projected.

Diversification strategies include but are not limited to exploring alternatives in aerospace, IT, advanced manufacturing, tourism, and small business development. Multiple stakeholders are focused on a variety of pilot projects, recruitment efforts, planning activities, and key partnerships that are anticipated to result in positive outcomes for the region in job creation.

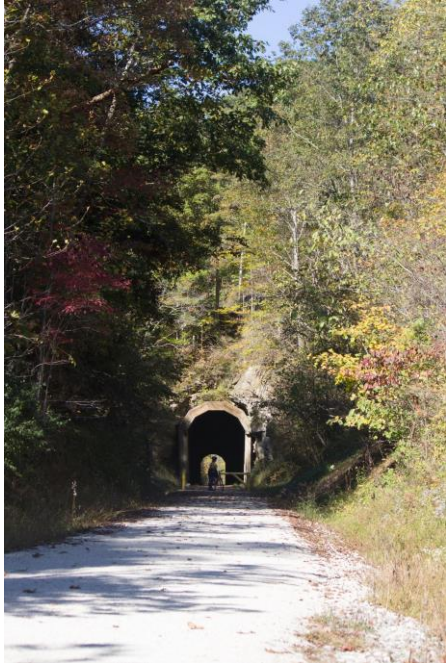
## Tourism

Tourism-related developments continued in 2016-17 that will result in positive and sustainable impact in the region's tourism traffic. Activity continues to be seen on the Big Sandy Water Trail. The Commonwealth's tourism initiatives such as the Dawkins Rails-To-Trails project are showing positive impacts in the region. Eighteen miles of the Dawkins Rail-Trail project was completed in 2013 and sees regular use by local residents and tourists. Construction of phase II has stalled with a major hurdle in clearing and stabilization of a tunnel along the trail. The award of funding to complete a camping development in the Royalton community of Magoffin County will provide much-needed lodging spaces for trail users. Additional trail development took place in Prestonsburg with the opening of multi-use Sugarcamp Mountain trails. Further, funding for the development of the David rail corridor was awarded to Prestonsburg in 2017 and has the potential for connecting to the Dawkins Line. Also, the Breaks Interstate Park opened a zipline in the fall of 2017 and initiated rock climbing this year. These assets serve to enhance the region making it a destination for tourists, particularly those interested in adventure and nature.



Mountain Homeplace

On a broader regional basis, tourism development is actively being planned with multiple pursuits from a variety of entities and local governments engaged in the process. ATV trail development along the lines of the West Virginia Hatfield & McCoy



Trail System is actively being pursued in collaboration with Virginia and West Virginia. Creation and initiation of the Kentucky Mountain Regional Recreation Authority, a multi-county authority that will facilitate trail development including land access. Engagement with developers of ATV trails in Virginia and West Virginia has included joint visits to communities throughout the multi-state area by community leaders. This level of cooperation will result in trails that have long-term economic impacts for tourism.

## Industrial Parks

Floyd County seeks prospects for occupancy of its Industrial Site located on US 23 just north of downtown Prestonsburg. The lack of available, developable land in Floyd County makes this site a prime location for commercial/industrial activity though

site size will limit its use.

The Eastern Kentucky Business Park (formerly known as Honey Branch Regional Business Park) is a regional park located in Martin County near the Big Sandy Regional Airport. The park is governed by the multi-county Big Sandy Regional Industrial Development Authority with members from each of the five BSADD counties. The Authority has purchased a building vacated by an expanding business in the region and is marketing the property to prospective tenants. Since the inventory of publicly owned buildings is limited, this acquisition is strategic for growth and diversification of the employer base.

The Martin County Economic Development Authority (MCEDA) manages industrial and economic development in Martin County. Fit-out of their speculative building was completed in 2012 with the opening of David Brown Gear Systems in the facility at Eastern Kentucky Business Park; the building is, however, currently unoccupied. The building is being actively marketed and is considered one of the most desirable industrial buildings

### Regional Opportunities:

- healthcare industry
- job availability in targeted areas, trades, etc.
- tourism and branding, collaboration
- joint marketing
- lodging, tourism infrastructure
- ATV trails
- US 23 Corridor
- East KY motorcycle tours
- entrepreneurial ventures
- growing university, higher education
- culture, arts, craftsmen, music are assets
- recreational opportunities, quality of life
- promotion of ourselves to locals and to visitors
- apprenticeship programs
- reclaimed mine sites, re-development
- energy industry, value added/transformational including by-products

available in the region. In addition, the MCEDA has remaining space that continues to be marketed in the Inez Business Center.



Pike County is exploring options and planning for industrial property development. Sites with the most promise for development include: Scott Fork, and multiple sites associated with the construction of US 460. The Scott Fork property includes one tenant, EQT that houses their regional offices. John Moore Branch is a site being created from the construction of US 460 in the County and will not be available for

development until completion of highway construction. Planning for providing water and wastewater infrastructure to the site is underway. Pikeville has been successful in developing and securing future tenants for the Kentucky Enterprise Industrial Park at Marion Branch, a formerly mined site that will provide industrial sites for occupancy. The first tenants committed to occupancy include AppHarvest, an agricultural producer using hi-tech greenhouses. A speculative building is also under construction that will house Silver Liner, a tanker truck manufacturing company. Access to the site has been improved with bridge construction across the Levisa Fork of the Big Sandy River; an additional access roadway is being planned that will better accommodate truck traffic.

Magoffin County Fiscal Court has acquired and is making ready land for a 20-acre industrial park, the only one in that county. Roadway access has been provided through investment by the Commonwealth and done in conjunction with the Bert T. Combs Mountain Parkway widening project. Funding is in place and construction beginning to provide the necessary wastewater infrastructure improvements to serve this property.

Teays Branch in Paintsville (Johnson County) holds promise for economic development. Under private ownership, the property is planned to support industrial development activity and will require additional roadway access directly to US 23 in order to maximize its development for this purpose. Teays Branch is the location of a new CNC workforce training facility that is expected to attract employers to the region based upon the high demand for this skillset.

## **Education**

The University of Pikeville – Kentucky College of Osteopathic Medicine opened its new expanded facility in 2012 increasing the number of physicians in Appalachia. The institution has continued expansion of healthcare programs with the construction of the Kentucky College of Optometry facility that opened in 2017; the first students entered the program in the Fall of 2016. Currently beginning construction is a regional

### **Regional Threats:**

- energy market fluctuations
- entitlement issues
- economic growth
- brain drain
- affordable education (4 year)
- political influences
- population shifts
- apathy, educational systems
- low educational system expectations placed on students
- addiction
- increased business costs due to drug-related criminal activity

telecommunications training facility for fiber optic cable construction and maintenance at the Big Sandy Community & Technical College campus in Pikeville. Educational attainment improvements continue throughout the District. Rises in high school graduation rates and degree attainment continue while those without a high school diploma or GED decline. Challenges with higher educational attainment include the affordability and lack of a 4-year public institution being located in the region.

### **Workforce Development**

Workforce development continues to be a focus of several organizations throughout the

District including Big Sandy Community & Technical College, Eastern Kentucky Concentrated Employment Program (EKCEP), Big Sandy Community Action Program, Regional Kentucky Works Program, local chambers of commerce and Big Sandy ADD. The Workforce Innovation & Opportunity Act continues to guide the work going forward and is enhanced by the existence of the Big Sandy Business Services Team (BST). The BST consists of traditional workforce development staff as well as economic development professionals and results in a more collaborative approach to addressing employer issues. One of the major efforts is centered on the Commonwealth's Work Ready Communities initiative. In the Big Sandy District, Floyd, Johnson, Magoffin and Martin Counties have achieved "Work Ready Community In Progress" certification; Pike County has re-established its team with plans to move forward with an application for certification. Plans for achieving thresholds for the six criteria to be addressed include educational attainment, soft skills development, community commitment, high school graduation rates, Internet availability, and National Career Readiness Certifications. Additional workforce development initiatives include EKCEP's Hiring Our Miners Everyday Program (H.O.M.E.), a result of a DOL grant award that is focused on re-training those laid off from coal mining jobs and their spouses in order to allow them opportunities to re-enter the workforce. A second grant award to this program has allowed continuation and expansion of the training/assistance program.

Additional workforce development training opportunities are emerging through a telecommunications certification program at Big Sandy Community & Technical College that result in fiber optics installation and maintenance training. Alignment with the construction of the statewide Kentucky Wired project will provide employment opportunities for graduates. Two-year degreed programming is also being discussed.

A weakness identified during the SOAR Initiative included the fact that we did not have a detailed assessment of our region's workforce; a workforce analysis was completed in 2016 that is being utilized to market to prospective employers the workforce skillsets

and attributes that will help a business achieve success by locating in the region. This effort was a public/private partnership with EKCEP, One East Kentucky, BSCTC, MSU and private industry that will benefit the region's economic development efforts in attracting a diversified employer base requiring skillsets of the existing, available workforce.

The national TechHire initiative is impacting the region through an award of funding to EKCEP. Work continues in this effort to train workers in IT fields while connecting them directly to employers needing the skillsets used by the industry. The ability to connect to high-capacity broadband will drive the success of this effort. Additional technology training efforts are being undertaken by BSCTC.

The initiation of a CNC machinist training program by the East Kentucky Advanced Manufacturing Institute in Paintsville in 2017 will provide a unique opportunity for unemployed individuals to receive advanced manufacturing training at home. This high-demand field will provide skillsets that result in employment in high-wage jobs in diversified industries. This program is well aligned with the expanding aerospace sector in Kentucky and specifically with the developing corridor in the region.

The current initiative promoting the utilization of apprenticeship programs has begun in the region. Led by EKCEP and partner agencies, promotion of apprenticeships has led to local employers engaging in the process and providing opportunities for training and employment.

## **Transportation**

*Roads* – Interstate quality highways serve the District in both north-south and east-west major corridors with US 119, US 23, and Rt. 80. Continued improvements to the highway system serving the region are being addressed. The expansion of the Bert T. Combs Mountain Parkway is among the most significant and impactful improvements to be completed with significant work having occurred in the past year. With this long-term, planned investment, the region expects greater economic opportunities as a result of the expansion project. Prioritization of road projects by the Regional Transportation Committee is reflected in the Big Sandy District CEDS. Projects are identified in the Appendix.

*Airports* - The three airports in the area (Big Sandy, Pike County, and Combs) are not currently available for commercial use. These general aviation airports will play an important role in economic development strategies that include building an aerospace corridor in the region. While the lack of commercial service has been identified as a significant weakness to continued development of the region, the existence of the Pike County and the Big Sandy airports will be attractive to corporate executives considering expansion projects in the region. Runway improvements to the Pike County Airport have been planned with funding being pursued that will open a crosswind runway thereby improving access and capacity. Likewise, runway improvements in the

planning stage at the Big Sandy Airport will result in extending the length and increasing capacity there.

*Public Transportation* – Public transportation is extremely limited in the area. Repeatedly identified as a need by multiple parties, options remain scarce. This weakness continues to undermine low-wage workers who are challenged by affordable transportation options and therefore inhibited in finding and maintaining employment.

*Rail* – Rail corridors serving the Big Sandy region have primarily been utilized for coal transport. The coal industry’s decline has resulted in a reduction in CSX employment in the coal fields of eastern Kentucky. Meanwhile, the need for rail access to industrial sites throughout the region is crucial to maximize the industrial development opportunities that are anticipated from relocations and the potential for expanding employers.

## **Infrastructure**

Provision of public water service has historically been the focus of local leaders. Now that much of the District has water service available, leaders are currently focusing their efforts in providing wastewater coverage.



Eastern Kentucky Business Park Spec Building

State funding is often utilized to leverage federal funds for infrastructure projects. Limited grant funding over the past few years for infrastructure projects throughout the Commonwealth have resulted in fewer projects being constructed in the Big Sandy District. However, the first phases of the Harold Sewer Project located along the US 23 corridor in Floyd County are being completed and results in ability to access a public wastewater system in this high traffic/high growth area. Each of these projects will impact hundreds of customers that have never had access to public wastewater systems resulting in a cleaner environment and the potential for further economic development. Infrastructure improvements are planned for Magoffin County that will provide service to a new industrial site allowing for economic development in a high-unemployment county.

Utility providers throughout the District continue to identify and plan for additional projects through the Big Sandy Water Management Council. Project prioritization for these infrastructure projects may be found in the Appendix.



Magoffin County Industrial Park

Rehab of aging infrastructure is increasingly necessary to continue providing service to the region's population. Further, increased excess capacity is vital for economic development activity to occur at the region's development sites. Pikeville, Prestonsburg and Martin County are working toward treatment plant upgrades or new systems that will serve that purpose.

## Technology

EKCEP is currently promoting and recruiting participating companies for the Teleworks USA Program. The program seeks to match qualified job applicants to telecommuting opportunities in companies located throughout the world. A total of over 1,000 individuals throughout the EKCEP service region have secured positions working from home in technology/internet-based positions of various types since 2015. The Pike County Teleworks Hub, the only one within the District, that opened last year has resulted in 90 individuals securing employment since its opening.

In response to the demands of the existing telecommunications sector and the anticipated needs of the industry within the region when dark fiber infrastructure is put in place, the Big Sandy Community & Technical College is implementing a technical training facility for telecommunications jobs. The project is under development with construction scheduled to begin in late 2017. The project will address diversification of the economy, of workforce skills, and meet the needs expressed by current employers who are challenged to find trained employees. The project aligns with the Kentucky Wired project currently under development by providing skill sets needed for the project's construction and maintenance.



Private sector partners are also engaged in technology training through BitSource. Utilizing former mining industry employees, BitSource has trained



unemployed mining industry individuals how to code. The Tech Hire Initiative is poised to address preparing the workforce for technology-related employment opportunities.

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, affordable, high capacity access. Public accessibility to the internet for those impacted geographic areas is primarily obtained through public libraries and educational institutions. Communities actively engaged in capitalizing on the Kentucky Wired project include the cities of Pikeville and Prestonsburg who are completing feasibility studies to determine the best pathway to provide access to high speed broadband services. Completion of the Kentucky Wired backbone is currently slated for 2019 and 2020 for counties in the Big Sandy District.

## Environment

Protection of the region's natural resources is of increasing interest to the general population. With the rise in interest for local food production, tourism, and water quality concerns, a balanced approach between industry leaders is needed. Extraction industries will continue to remain important to the region though they will have less of an economic impact going forward due to lower employment levels.

The natural beauty of the region drives much of the tourism industry in eastern Kentucky. Lakes, streams, mountainous terrain, and wildlife are the natural attractors



Dewey Dam

for a strong tourism industry. Leaders recognize the need to better address solid waste and, as an example, community members lead efforts along the Dawkins Rail Trail to maintain its cleanliness. As a result, significant improvement has been achieved in environmental quality related to solid waste disposal. Recycling efforts continue with increasing participation by local governments.

Providing public wastewater service continues to be a focus area. However, the cost to construct collection lines in mountainous terrain and limited grant sources create challenges for local governments who already have strained budgets.



Breaks Interstate Park

## Other Plans & Strategies

The Shaping Our Appalachian Region (SOAR) Initiative has resulted in a more focused approach to regional and collaborative economic development activities. Looking at the original ten areas of concern including agriculture, broadband, business recruitment, business incubation, education and retraining, health, infrastructure, leadership development/youth engagement, regional collaboration/identity, and tourism, opportunities to partner among like-minded agencies and individuals have resulted in greater alignment in strategic projects. Specific, identified goals of SOAR have been defined and they include broadband availability, workforce development, small business creation and expansion, improvement of health status, industrial employment, local foods movement, and establishing the region as a tourism destination. The SOAR *Regional Blueprint For Economic Growth* can be found at <http://www.soar-ky.org/blueprint>.

The District will continue to work with the SOAR leadership and staff to assist in facilitating activities, providing information, and pursuing projects that are in alignment with the District's and the region's goals and objectives. District goals and objectives that align with SOAR include strategies related to job creation, industry recruitment, small business development, sector strategies, and workforce development.



While the SOAR Initiative continues to shape the work going forward, in addition, the District will consider other planning activities at the local, regional, state and federal levels that will guide growth strategies. The Big Sandy Area Development District continues to offer its expertise and assistance in planning efforts that improve the quality of life in communities within the District. Long-term planning continues to be a focus of local leaders. BSADD has been involved and will continue to assist communities in planning efforts related to community and economic development.

Collaborative efforts continue with various entities aligning goals, strategies, and action items toward implementing projects. Examples of these partners and collaborations follow:

- ADDs – Statewide & ARC ADDs
- EKCEP
- EKyTAP
- MSU SBDC
- One East Kentucky
- Kentucky Secretary of State
- SOAR
- West Virginia's Region I Planning & Development Council
- Work Ready Communities In Progress Teams
  - Floyd County
  - Johnson County
  - Martin County
  - Magoffin County
  - Pike County
- Chambers of Commerce
  - Floyd County Chamber of Commerce
  - Johnson County Chamber of Commerce
  - Southeast Kentucky Chamber of Commerce

**Floyd County, Paintsville-Johnson County and Southeast Kentucky Chambers of Commerce** – BSADD supports economic development activities of the Chambers.

**EKCEP** – BSADD staff are engaged with EKCEP in their Business Services Team efforts for the 23-county EKCEP service region.

**EKyTAP** – BSADD staff are engaged with the East Kentucky Technical Assistance Providers, a network of small business service providers whose goal is to provide the highest quality assistance to small businesses in the region.

**MSU SBDC** – BSADD staff assist the Morehead State University Small Business Development Center in planning their annual Women’s Business Symposium.

**One East Kentucky** – BSADD ED staff assist OEK in economic development initiatives, projects and activities throughout the region.

**SOAR** – BSADD staff assisted in the 2017 annual Summit held in the District.

**West Virginia – Region I Planning & Development Council** – A cluster mapping project has been funded thru ARC and EDA for a multi-state region of the Central Appalachian coal fields. ARC funding will be utilized for the ADD’s in east Kentucky to participate in the GIS project.

**Work Ready Communities In Progress County Partners** – BSADD staff are assisting Work Ready Community county teams in Floyd, Johnson, Martin, Magoffin and Pike to achieve Work Ready status and prepare applications to the Kentucky Workforce Innovation Board seeking certification.

The Big Sandy Area Development District continues to align the region’s planning efforts with state and federal initiatives related to economic development, tourism, small businesses, and workforce development. Relevant plans that impact the region include:

- *ARC – Appalachian Development Plan*
- *2011 Kentucky’s Unbridled Future – Strategic Economic Development Plan*
- *2011 Workforce Innovation Board – Sector Strategies*
- *Kentucky WIB – Work Ready Communities*
- *SOAR Regional Blueprint For Economic Growth*

## **Integration of State’s Economic Priorities**

The integration of the state’s economic priorities as related to Kentucky’s Unbridled Future – Strategic Economic Development Plan (2012) includes priorities to continue to create a More Competitive Business Climate, Attract, Develop and Retain Business, Create and Market a Powerful Kentucky Brand, Work Toward Sustainability, Foster Innovation and Technology Support, Create an Entrepreneurial Culture. The five

targeted categories include: advanced manufacturing, sustainable manufacturing, technology, transportation, and healthcare.

The Big Sandy Area Development District CEDS corresponds with the Commonwealth of Kentucky's priorities for economic development through a number of goals, objectives and strategies found in the Action Plan (Section 5) under the following areas:

- Job Creation
- Workforce Development
- Quality of Life Improvements

Further, the District supports statewide focus areas that include apprenticeships, Work Ready Communities, red-tape reduction efforts, tourism, and promotion of agriculture. Sector strategies within the District include continuing to focus on healthcare as a growth area. The opening of the Kentucky College of Optometry at the University of Pikeville advances the healthcare sector in the region. Advanced manufacturing will be supported by the East Kentucky Advanced Manufacturing Institute's CNC training program. Furthermore, aerospace certification of sites in the region, including the Eastern Kentucky Business Park, will benefit the area and the development of an aerospace corridor in eastern Kentucky. In addition, broadband deployment and technology training programs at the secondary and postsecondary levels along with the TechHire initiative, Teleworks, and BitSource are the beginning of what is hoped will become a technology focused region.

These efforts in targeted sectors are expected to attract new employers to locate in the region, offer job opportunities, and create a more diversified economy that can withstand market shifts and industry fluctuations.

## **Disaster Mitigation & Resiliency**

Due to its topography, the region suffers from frequent flooding disasters and particularly flash flooding. Considered a threat to the region, the frequency of these events places local governments in the position oftentimes of not fully recovering from damages before another event occurs. As a result, significant resources are expended to make repairs to infrastructure and reliance on federal agencies for eligible reimbursements results in strains on cash flow. The result is that local governments find it difficult to focus on long-term economic development projects. Additional attention has been given to shelters, generators, communications equipment, and maintaining local long-term recovery groups to manage the multiple issues and agencies that affected residents encounter throughout the recovery process.

The Big Sandy Area Development District Multi-Jurisdictional Hazard Mitigation Plan, originally adopted in 2006, and updated in 2011 and 2016, provides risk assessment data and mitigation strategy information to provide a basis for dealing with risks to life and property from various hazards; severe storm events and flooding are occurring with the greatest frequency in the District.

In addition to updates to the information in the Big Sandy District's Multi-Jurisdictional Hazard Mitigation Plan, pre-disaster planning and disaster response will become a greater focus area for the region. Recovery resources, business continuity planning, shelter identification, communication plans, and recovery activities that are immediate, short-term, and long term will be a focus for addressing resiliency from disasters. Addressing the special needs and the most vulnerable populations will also need to be included. Identifying first responder needs continues to be a focus of the District so that lack of preparedness is not a hindrance when events occur. BSADD staff regularly assist first responder agencies with funding applications as opportunities become available to seek equipment in support of their operations.

The economic status of the region has also resulted in increased focus on economic resiliency with discussion in economic development strategy sessions that introduce these concepts for small businesses. In addition to preparedness for natural disasters, economic resiliency discussions include conservation and efficiency measures, insurance protections, floodplain management, and market expansion/diversification. An increased effort to support small businesses in the region has been undertaken with the support of EDA funding and has resulted in increased contact with the business community through trainings, events, partnerships, and referrals to the loan fund.

Diversification strategies are being undertaken by multiple entities to better prepare the region's economy to withstand economic changes. SOAR, One East Kentucky, Eastern Kentucky Concentrated Employment Program, East Kentucky Advanced Manufacturing Institute, Big Sandy Community and Technical College, and UPIKE are among the entities that are actively pursuing projects and strategies in industry sectors including healthcare, technology, aerospace, and advanced manufacturing as well as broadband infrastructure. These efforts will broaden the economic base for the region and, therefore, assist in deflecting the negative impacts of downturns in any one of those influences upon the economy.

## **List of Past and Present Economic Development Projects**

Please refer to the Appendix for a list of current and proposed projects in various stages of planning and development within the District that are priorities for each of the respective communities. In addition, private investments in the region have included construction of new educational facilities, commercial activity and healthcare services. Facility investments by public bodies include those made in the industrial parks, the Recycling Authority members, tourism developments and public infrastructure.

Continued focus on basic infrastructure has resulted in significant investments that have been made by each of the five counties comprising the Big Sandy Area Development District. In addition, several public and nonprofit investments in facilities have and continue to impact the region in a positive manner. Significant prior projects have included the following:

- Honey Branch Regional Business Park Infrastructure

- Martin County Economic Development Authority Speculative Building
- Warfield Sewer Project
- Marion Branch Industrial Site
- Harold Sewer Project
- Magoffin County Health Department
- Magoffin County Industrial Development Site
- Mountain Arts Center
- University of Pikeville – Kentucky College of Osteopathic Medicine
- Pikeville Medical Center Expansion projects
- Highlands Health Systems Expansion
- Paintsville Water Treatment Plant
- Various Utility Providers – Water/Wastewater Line Extensions
- East Kentucky Science Center
- Regional Recycling
- Martin Redevelopment Project
- Martin Sewer Rehab Project
- Stone Crest Industrial Site Infrastructure

Planning and technical assistance projects that have occurred or that have continued over the past year include the SOAR, Work Ready Communities Initiatives, Trail Town certification planning, East Kentucky Advanced Manufacturing Institute, industrial site developments, broadband infrastructure, and continued trail developments.

See the Appendix for available updates to specific demographic data from the District.



Dewey Lake



Alltech



Smithsonian Exhibit in Wayland



AML Funding Announcements





**Goal: Job Creation and Retention**

*Objective 1: Industry Recruitment and Retention*

Strategies:

- Work with economic development partners including One East Kentucky, Kentucky Power, East Kentucky Power Cooperative, Southeast Kentucky Economic Development Corporation, and Kentucky Cabinet for Economic Development staff as well as local officials to assist in recruitment efforts that are being undertaken.
- Work with the Big Sandy Business Services Team and local officials in responding to existing employer needs.
- Identify growth potential among existing industries and employers including work in cluster mapping.
- Maintain regional information for the purpose of highlighting the region and its assets.
- Continue to assist regional industrial authorities and local government in site development activities.
- Continue to market available properties for industrial/commercial use.
- Support efforts to establish Work Ready Communities.

Responsible Entities: One East Kentucky, Kentucky Power, East Kentucky Power Cooperative, Southeast Kentucky Economic Development Corporation, Kentucky Cabinet for Economic Development, Local Government, Big Sandy Business Services Team Members, Industrial Authorities, Workforce Development Agencies, Big Sandy Area Development District

*Objective 2: Capitalize on Strategies with Existing and Potential Growth Sectors - Aerospace, Healthcare, Tourism, Business Services, Energy, Technology, Metalworking, Wood Products, Food/Agriculture, Call Centers*

Strategies:

- Aerospace corridor development in eastern Kentucky.
- Healthcare Sector Network development.
- Certification of Trail Towns within the region.
- Support Teleworks Hub development where feasible.
- Capitalize on expansion projects such as Braidy Industries that will have significant impact potential on the region in targeted sectors.
- Support the work of local government and tourism commissions in tourism asset development throughout the region.
- Assist in trail development projects.
- Assist in development of historical, cultural and arts projects.
- Strengthen the relationship with Kentucky Center for Agriculture and Rural Development (KCARD) to advance agriculture activity within the region.
- Promote the region's assets within existing and developing sectors.
- Utilize cluster mapping project data in focused sectors to identify expansion prospects.
- Support the work of Shaping Our Appalachian Region, One East Kentucky, Eastern Kentucky Concentrated Employment Program, and the Commonwealth of Kentucky in sector strategies for economic diversification.

Responsible Entities: One East Kentucky, Local Government, Tourism Commissions, Historical Societies, KCARD, SOAR, EKCEP, Kentucky Cabinet for Economic Development, Big Sandy Area Development District.

*Objective 3: Small Business Development and Growth*

Strategies:

- Participate in the networking opportunities and joint work of East Kentucky Technical Assistance Provider member institutions.

- Participate in and support the work of the Big Sandy Business Services Team.
- Offer quality technical assistance and training for small businesses.
- Seek to continue the work of the regional Economic Development Coordinator in small business support, promotion, and technical assistance.
- Strengthen the Big Sandy Revolving Loan Program through committee development, change in focus areas, and programmatic adjustments that encourage greater utilization of the small business funding.
- Continue referrals to small business support services, financing programs, and trainings as needed.
- Support youth/student entrepreneurial programming.
- Support chamber of commerce activities.

Responsible Entities: East Kentucky Technical Assistance Providers Members, Small Business Development Center, Mountain Association for Community Economic Development, Kentucky Innovation Network, East Kentucky Concentrated Employment Program, Big Sandy Area Development District, Secondary Educational Institutions, Postsecondary Educational Institutions, Chambers of Commerce

*Objective 4: Building/Site Development*

Strategies:

- Assist local governments and regional authorities in industrial building and site development activities.
- Strive to achieve recognized site certification standards for the region's industrial parks.
- Plan for infrastructure improvements that result in excess water and sewer capacities of 500,000 GPD for utility systems.
- Plan for appropriate industrial park infrastructure investments in water, sewer, broadband, natural gas, and storm water management.
- Support execution of due diligence items for industrial sites.
- Establish recognized standard operating procedures for maintaining industrial sites.

Responsible Entities: Local Governments, Industrial Authorities, Big Sandy Area Development District

**Goal: Workforce Development of the Region’s Employee Base Within Relevant Skillsets**

*Objective 1: Continued Existence of Relevant Training Programs*

Strategies:

- Encourage specialized training programs that provide skillsets in demand by existing and prospective employers specifically concentrating on targeted sectors such as the East Kentucky Advanced Manufacturing Institute.
- Support secondary and postsecondary educational institutions’ efforts in providing academic and vocational programming that meet relevant needs such as the Big Sandy Community and Technical College’s participation in the Eastern Kentucky Coal County Transformation grant program.
- Support the efforts of the region’s Workforce Innovation Board, Eastern Kentucky Concentrated Employment Program, including Teleworks, Tech Hire, and H.O.M.E. programs for re-training efforts.
- Continue engagement among the Big Sandy Business Services Team to market available workforce programs and services to existing and prospective employers.
- Support STEM initiatives.
- Support the Work Ready Community initiative.
- Advocate for workforce programming, living wages, workplace benefits, career pathways, and educational attainment.

Responsible Entities: EKAMI, Postsecondary Educational Institutions, Secondary Education Institutions, EKCEP, Adult Ed Programs, Kentucky Career Center, Business Services Team, Big Sandy Area Development District

*Objective 2: Encourage Work Readiness Programming*

Strategies:

- Continue soft skills programs available to youth and the working age population.
- Foster and facilitate the marketing, facilitation of, and participation in work ethic programs.

Responsible Entities: EKCEP, Community Action Program, Cooperative Extension Service, Chambers of Commerce, Educational Institutions, Work Ready Community Teams, Business Services Team

- Support Cooperative Extension Service, Big Sandy Community Action, EKCEP, chambers of commerce, and educational institutions in carrying out soft skills programming.

*Objective 3: Addiction Recovery Resources To Address Workforce Needs*

Strategies:

- Support and increase the number/capacity of Recovery Programs to improve outcomes for individuals with addiction issues.
- Support drug awareness programming.
- Assist the region through accessing funding opportunities for addiction recovery and workforce transition programs.

Responsible Entities: Local Government, Mountain Comprehensive Care Center, Private Sector, Law Enforcement, EKCEP, Big Sandy Area Development District

**Goal: Quality of Life Improvements**

*Objective 1: Encourage continuation of leadership and capacity building programs throughout the District*

Strategies:

- Promote and encourage the use of the 'Leader In Me' program among school districts in the region.
- Support the work of the East Kentucky Leadership Foundation in citizen engagement in the region.
- Promote the area's Chambers of Commerce in their leadership development programming.
- Engage community members in economic development planning efforts.
- Support the work of community foundations.
- Support local community development groups and NGOs in their community and economic development efforts.

Responsible Entities: Big Sandy Area Development District, Chambers of Commerce, East Kentucky Leadership Foundation, Educational Institutions, Foundation for Appalachian Kentucky, Magoffin County Community Foundation, SOAR, NGOs

*Objective 2: Public infrastructure improvements that meet demands*

Strategies:

- Provide water and wastewater services that are reliable, accessible, and that meet demands for continued economic development.
- Encourage and assist public utilities in sound management practices, planning for service growth, and regionalization where appropriate to achieve efficiencies.
- Assist in seeking funding to upgrade and maintain existing water and wastewater facilities.
- Continue facilitation of infrastructure improvements and planning through the Big Sandy Water Management Council.
- Increase the capacity of broadband services in the District.
- Improve transportation corridors throughout the District to increase access, create a safer environment, and provide economic development opportunities.
- Promote the funding and construction of prioritized infrastructure projects.
- Support planning and construction of the Mountain Parkway to four lanes to Prestonsburg.
- Encourage completion of projects impacting highway safety enhancements.
- Encourage improved/increased pedestrian access to community facilities.
- Increase capacity of local governments to address solid waste improvements, first responder equipment, communications improvements, and 911 services.
- Engage CSX and Norfolk Southern rail providers in planning associated with future rail transport needs.

Responsible Entities: Local Government, Big Sandy Area Development District, Public Utilities, Big Sandy Water Management Council, Regional Transportation Committee, SOAR, Kentucky Communications Network Authority, CSX, Norfolk Southern

*Objective 3: Housing stock that meets the demands of the population*

Strategies:

- Develop affordable options for safe, sanitary housing for elderly and low-income populations.
- Promote, encourage and develop energy efficiency programs for addressing the retrofit of existing housing stock.
- Develop transitional housing options for disadvantaged populations including veterans, homeless, and individuals in recovery programs.
- Support adoption and enforcement of building codes and standards for the construction of safe and sanitary housing.

Responsible Entities: Local Government, Public Housing Authorities, MACED, Housing Developers

*Objective 4: Accessible and comprehensive healthcare services for all residents*

Strategies:

- Support and promote the use of telemedicine services as a means to increase accessibility.
- Promote and support the need for after-hours clinics with the region.
- Support activities that improve recruitment and retention of health care professionals to the region.
- Recruit employers that provide benefits that include health insurance.
- Assist in planning and support for technologies, advanced services, and workforce training in health care fields.
- Support outreach services, physical activity, wellness and preventative care programs.

Responsible Entities: Healthcare providers, ED staff, Health Departments, SOAR

*Objective 5: Capitalize on the region's environment and natural resources*

Strategies:

Big Sandy Area Development District

- Support continued trail development planning and pursuit of funding throughout the District.
- Support and plan for additional access to water resources.
- Encourage responsible industrial development associated with extractive industries including natural gas, timber, and coal resources.

Responsible Entities: Local government, Kentucky Department of Fish and Wildlife Resources, USACE, Private Sector, Big Sandy Area Development District, Kentucky Mountain Regional Recreation Authority





Big Sandy Area Development District



East Kentucky Advanced Manufacturing Institute



## V. Evaluation / Performance Measures

2017 CEDS

### **Prospects**

The work of One East Kentucky, the region's economic development recruitment organization, has made significant strides in the last year with marketing the region for prospect expansions and relocations. At present, approximately 80 employers are considering eastern Kentucky as a place to conduct business operations. This level of activity and interest by prospective employers has previously been unseen in the region and is over a 300% increase from last year.

### **Job Creation**

The region has continued to see net job losses over recent years.

### **Investments**

Public investments have risen over the last two years with grant awards associated with the POWER Initiative and AML Pilot Program leading the way. AML funding totaling nearly \$4M for two tourism projects and USACE funding of \$1M for infrastructure development were among the most recent announcements.

### **Job Retention**

Retention of jobs has continued to be a challenge throughout the District with hopes that current strategies related to diversification will turn this trend around in a positive manner.

### **Tourism Expenditures**

Tourism impacts continue to rise throughout the region. Total expenditures in the Kentucky Appalachian region increased by nearly \$6.3 million between 2015 and 2016. In the five-county District, expenditures totaled \$247,338,109 in 2015 and increased to \$249,665,381 in 2016, a growth of approximately 1%. Project impacts from the Dawkins Line Rail Trail, ziplines, trail developments, and growth in tour bus visitations among other activities are expected to result in further increases in expenditures.

Source:

<https://www.kentuckytourism.com!/userfiles/Industry/2016%20Kentucky%20Tourism%20Expenditures.pdf>

## **Educational Attainment**

High school graduation rates are above the goals set for the Work Ready Community certification program in each of the five counties in the District and range from 93.1% in Martin County to 96.9% in Johnson and Magoffin counties.

The percentage of individuals aged 25-64 with an Associate Degree or higher continues to climb throughout the District; however, falls short of the state and national averages. Degree attainment falls between 15.1% in Martin County to 21% in Floyd County.

The percentage of the population with less than a high school diploma or GED continues to show improvement with declines in each of the counties in the District. The percentage ranges from 24.6% in Magoffin County to 17.9% in Johnson County.

## **Bank Deposits**

Bank deposits totaled \$2,206,234,000 in 2017 which represents a decline of over \$31,000,000 since 2016.

## **Broadband Availability**

Construction of the Kentucky Wired project in eastern Kentucky have been initiated with completion expected in 2019 in four of the Big Sandy counties and in 2020 in the fifth county. Approaches to addressing last mile service are being planned by at least three communities within the District. Capitalizing on the availability of high-speed, high-capacity broadband via fiber optic cable is important to advance technology as a growth sector in the region.

## **Performance Activities:**

Progress in achieving goals and objectives during the past year is highlighted below in numerous activities undertaken by local leaders:

- OEK is actively marketing and recruiting prospective employers to consider eastern Kentucky in their expansion projects. Leading a Kentucky contingency to the Paris Air Show in 2017 was a highlight of their recruitment efforts.
- Completion of healthcare investments at UPIKE with the Kentucky College of Optometry including providing project funding support.
- Expansion of services at Pikeville Medical Center are currently underway with pursuit of EDA funding for equipment to support The Heart Institute.
- Work Ready Community continuation of efforts throughout each county in the District.
- Successful pursuit of funding to support continued trail development and enhancements in Floyd and Magoffin counties.

## Big Sandy Area Development District

- Big Sandy Business Services Team continues its networking and response to small business needs. The second annual Big Sandy Small Business Expo event took place in September.
- Participation with small business service providers in the East Kentucky Technical Assistance Providers (EKyTAP) network.
- Promotion of and participation in SOAR activities including the annual Summit.
- Information sharing and promotion of ED events/activities taking place throughout or impacting the District.
- Completion of construction activities associated with East Kentucky Advanced Manufacturing Institute (EKAMI) in Paintsville.
- Participation in Trail Town planning efforts in the region.
- Planning activities for additional industrial site development in the region.
- Assisted local governments and regional industrial authorities in prospective employer visits.
- Assisted utilities in infrastructure improvement project financing for multiple projects throughout the District.
- Promotion of the region via social media.
- Assisted energy-related prospective employers in project planning.
- Facilitated ag-related project planning concerning regional commercial kitchen and other agriculture ventures.
- Participated in student entrepreneurial pitch competitions at BSCTC and UPIKE.
- Participated in planning associated with a new Entrepreneurial Coal Lands Redevelopment Program thru CEDAR that targets high school students.
- Referrals of entrepreneurs to small business service providers in the District.
- Promotion of the Big Sandy Revolving Loan Fund program to area lenders and other stakeholders.
- Promotion of and participation in a Kentucky Procurement Technical Assistance Center event in the District.
- Participated in planning efforts associated with the Himler House, historical property, in Martin County.
- Participated in regional tourism planning efforts including Idea Fest: Outdoors event.

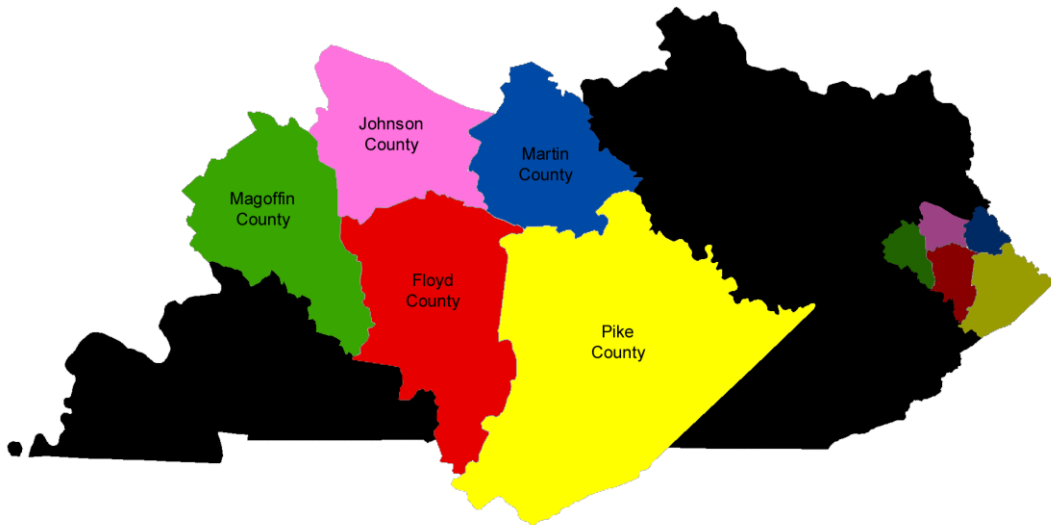
## Big Sandy Area Development District

- Supported the efforts of multiple counties in eastern Kentucky in establishing the Kentucky Mountain Regional Recreation Authority via HB 156.
- Participated in Prestonsburg, Wayland, and regional broadband infrastructure planning efforts.
- Participated in regional broadband planning workshops.
- Participated in Prestonsburg economic development strategic planning efforts.
- Assisted communities throughout the District in quality of life improvement projects including first responders, recreation, infrastructure improvements, tourism, addiction recovery programs, skills training, and government services.
- Promotion of apprenticeship initiatives.
- Promotion of leadership programs in the District.
- Participation in East Kentucky Leadership Board activities.
- Participation of staff in East Kentucky Concentrated Employment Program, the regional Workforce Innovation Board, and its activities.
- Assisted in meeting needs of utilities by facilitating planning of a water and wastewater operators apprenticeship pilot program in the District through the Regional Water Management Council.
- Continued the Big Sandy Recycling Authority efforts of regional recycling projects.
- Initiated assistance to local governments in FEMA's National Flood Insurance Program – Community Rating System.
- Continued regional planning efforts through the Regional Transportation Committee.
- Assisted communities in pedestrian-related projects in Elkhorn City, Paintsville, Salyersville and Inez.
- Supported the efforts of Johnson County's Communities Of Hope initiative.
- Supported and promoted wellness/health events and programs in the District including participation in Floyd County Health Department's community planning efforts, Big Sandy Senior Games, Prestonsburg's wellness event, and Wayland's community health day.
- Maintains key regional statistics and responds to data inquiries.
- Participates in small business activities, events, trainings, networking, and promotions to support the growth of small businesses throughout the region.

## Big Sandy Area Development District

- Provides technical assistance to local governments and nonprofit organizations as needed with a variety of projects, planning efforts, and data requests.
- Planning for cluster mapping of the District as a part of a multi-state regional project.
- Participated in regional leakage study.

# Big Sandy Area Development District



## Our Purpose

To provide those citizens of Kentucky living in Floyd, Johnson, Magoffin, Martin and Pike counties a regional leadership forum, responsible for area wide planning and coordination of service and development projects undertaken in cooperation with the Commonwealth of Kentucky and designated agencies of the federal government.

To serve the member jurisdictions, their subdivisions, and non-profit groups related thereto, as a legally constituted body capable of performing administrative services and implementing programs and projects which improve the quality of life in the region.

To support, assist, and promote private sector developmental and entrepreneurial efforts within the region so as to enhance employment opportunity and to bring about a greater diversification in the base elements of the region's economy.

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## Big Sandy Area Development District

### Demographic Data

#### Population History

	1980	1990	2000	2010	2016
Big Sandy	181,759	165,021	160,532	154,093	145,329
Floyd	48,764	43,586	42,441	39,451	37,110
Johnson	24,432	23,248	23,445	23,356	22,978
Magoffin	13,515	13,077	13,332	13,333	12,684
Martin	13,925	12,526	12,578	12,929	12,002
Pike	81,123	72,584	68,736	65,024	60,555

Source: US Census Bureau; Intercensal Population Estimates

#### Population Change 2000 - 2010, Current Estimates

County	2000	2010	Number	% Change	2016 Population Estimates
Big Sandy ADD	160,532	154,093	-6,439	-4%	145,329
Floyd	42,441	39,451	-2,990	-7%	37,110
Johnson	23,445	23,356	-89	-0.4%	22,978
Magoffin	13,332	13,333	1	0%	12,684
Martin	12,578	12,929	351	3%	12,002
Pike	68,736	65,024	-3,712	-5.4%	60,555

Source: US Census Bureau

#### Poverty Rate & Median Household Income

Area	% Poverty 2015	Median Household Income, 2015
U.S.	14.9	\$66,011
Kentucky	18.6	\$43,740
Floyd	30.0	\$30,096
Johnson	26.3	\$35,570
Magoffin	28.6	\$28,500
Martin	35.2	\$28,795
Pike	22.9	\$33,183

Source: U.S. Census Bureau, American Fact Finder



## Big Sandy Area Development District

### Major Employers, 50+ Employees

Floyd County	City	# of Employees
Floyd County Board of Educ	Prestonsburg	939
Mountain Comprehensive Care Center*	Prestonsburg	912
Highlands Hospital Corp Inc*	Auxier	585
Big Sandy Community & Technical College*	Prestonsburg	389
Kentucky Oil & Refining Company	Betsy Layne	120
St. Joseph - Martin	Martin	185
McDowell ARH	McDowell	148
Gearheart Communications Inc	Harold	165
Appalachian Wireless*	Prestonsburg	178
Riverview Health Care	Prestonsburg	125
Food City Inc	Prestonsburg	165
Wal-Mart Associates Inc	Prestonsburg	338
Big Sandy Health Care Inc	Prestonsburg	210
Floyd County Fiscal Court	Prestonsburg	90
Big Sandy Area Development District	Prestonsburg	79
Jenny Wiley State Park	Prestonsburg	65
City of Prestonsburg	Prestonsburg	120
First Commonwealth Bank*	Prestonsburg	106
R/S Godwin	Prestonsburg	60
Bush & Burchett	Prestonsburg	65
HT Hackney	Prestonsburg	60
McDonalds	Prestonsburg	136
<b>Johnson County</b>		
Johnson County Board of Education	Paintsville	574
Wal-Mart Associates Inc	Paintsville	340
Paintsville Hospital Co Inc	Paintsville	228
Citizens National Bank*	Paintsville	163
Paintsville Independent Schools	Paintsville	118
Carl D. Perkins Vocational Training Center	Thelma	103
Food City	Paintsville	105
McDonalds	Paintsville	85
Lowe's	Paintsville	131
City of Paintsville	Paintsville	88
Big Sandy Area Community Action Program	Paintsville	67
Johnson County Fiscal Court	Paintsville	68
<b>Magoffin County</b>		
Magoffin County Board of Education	Salyersville	357
Salyersville Health Care Center	Salyersville	150
Mineral Labs Inc	Salyersville	57
McDonalds	Salyersville	60

### Major Employers, 50+ Employees

## Big Sandy Area Development District

<b>Martin County</b>	<b>City</b>	<b># of Employees</b>
Booth Energy Group*	Lovely	1535
Martin County Board of Education	Inez	500
USP - Big Sandy	Debord	435
Martin County Fiscal Court	Inez	51
Martin Manor	Inez	83
Chesapeake Energy	Debord	72
<b>Pike County</b>		
Pikeville Medical Center	Pikeville	3250
Pike County Board of Education	Pikeville	1975
Community Trust Bank*	Pikeville	1021
Williamson ARH	S. Williamson	409
Kellogg	Kimper	350
Central Appalachian Mining	Pikeville	361
University of Pikeville	Pikeville	370
Pike County Government	Pikeville	229
Walters Group*	Pikeville	229
Pikeville Independent Board of Education	Pikeville	256
EQT	Pikeville	170
Elliott Contracting Inc	Pikeville	156
UMG	Pikeville	142
Whayne Supply Co Inc	Pikeville	99
Good Shepherd Community Nursing	Phelps	115
Mountain View Health Care Center	Elkhorn City	117
Parkview Manor	Pikeville	104
Wright Concrete & Construction	Pikeville	100
City of Pikeville	Pikeville	87
Pike County Health Department	Pikeville	64
Coca Cola	Coal Run	70
Deskens Motors	Pikeville	55
McDonalds	Pikeville	206



- Storm Water Management
- City Park / Recreational Area
- Police Vehicle Purchase
- Scenic Turnout
- High Speed Broadband Infrastructure
- Community Wellness Concept
- Emergency Generator
- Waterfalls/Creek Access Ramp
- Housing Development / Rehab Current Housing
- Flood Wall
- 28 Hollow Development
- Glo Hollow Development

#### **City of Wheelwright**

- Economic Development – former prison facility
- Community Park Development
- Historic Preservation

#### **Johnson County**

- Industrial/Commercial Development
- Paintsville-Johnson County Schools—Recreation/Health/Wellness Facilities
- Teays Economic Development Project
- Recreational Parks

#### **City of Paintsville**

- Rt. 1428 Repair/Re-opening
- Industrial Site Access Road – US 23 to Teays Branch
- Recreational Center / Recreational Site Development
- Public Safety Building
- Recreation Upgrades – Splash Pad/Pool

#### **Magoffin County**

- ED Site Development and Expansion Plan
- Dawkins Rail Trail Business Development/Marketing Plan
- ATV Trail Development
- E911 System Upgrades

#### **City of Salyersville**

- Tourism Center
- Commercial Redevelopment
- Downtown Revitalization
- Market Feasibility Study - Lodging

#### **Martin County**

- Infrastructure – Wastewater
- Big Sandy Regional Airport Improvements – Runway Extension
- Multi-use ED site

#### **City of Inez**

- Downtown Revitalization
- Rockcastle Creek Walking Trail

- Tourism Development

#### **City of Warfield**

- Infrastructure Enhancements

#### **Pike County**

- Trail Development
- 460 Corridor Developments
- John Moore Branch Industrial Park

#### **City of Coal Run Village**

- Community Park Enhancements
- City Infrastructure Development – Kinnikinnick Sewer
- Paddle Craft Access Point

#### **City of Elkhorn City**

- Infrastructure Rehab
- Pedestrian Bridge Rehab
- Downtown Revitalization
- Trail Development
- City Park Enhancements

#### **City of Pikeville**

- Industrial Recruitment
- Commercial Recruitment
- Industrial Development Site(s)
- Broadband Infrastructure
- Tourism Development
- Housing Developments

Projects having regional impact have been identified as follows:

#### **Regional Projects**

- Industrial Site/General Business Development
- Adventure Tourism (ATV trails, water trail)
- Federal Laboratory/Research Facility
- Veterans Hospital/Nursing Care Facility
- Recycling Facilities
- Manufacturing Cluster Mapping
- Regional Tourism Branding – Kentucky’s Appalachia
- Sector Strategy Development



## BSADD 2017 SHIFT REGIONAL HIGHWAY PROJECT LIST

CONTROL #	COUNTY	Route	PROJECT DESCRIPTION
12 036 B0023 1609.0	Floyd	US 23	Mitigate safety hazards due to speed, poor access control between KY 80 and intersection with KY 3384
12 058 D1428 1.00	Johnson	KY 1428	Improve safety and geometrics from KY 321 ramp to Paintsville, at the Broadway intersection
10 077 B0460 43.00	Magoffin	KY 632	Reconstruct US 460 in Magoffin County at Ivy Point Hill from MP 10.0 to 10.7
12 080 D0040 595.00	Martin	KY 40	Relocation Inez to Warfiled (Section 2-1): From Little Blacklog to Booth Fork
12 098 D0194 65.10	Pike	KY 194	Improve KY 194 from US 119 ramp near Smith Farms Bottom to near Deskins Branch Culvert
10 036 D0979 12.00	Floyd	KY 979	Spot improvements from Branham's Creek to John M. Stumbo School
12 058 D0321 1.00	Johnson	KY 321	Correct rockfall hazard at MP 1.80 to 3.05
10 077 D0007 50.00	Magoffin	KY 7	Reconstruct curves from Joseph Street to 0.5 miles north of Salyers Branch Road near Salyersville
12 098 C0000 1653.0	Pike	US 23	Construct new connection from Thompson Road to US 23 at Stonecoal



## WRIS Fiscal Year 2017 Project Rankings for BSADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost	Project Description
					Regional	Planning Unit	Total Points	Unserved	Underserved		
Pike	Pike	<a href="#">SX21195024</a>	City of Pikeville	City of Pikeville KY Wastewater Treatment Plant Upgrade	1	3	85		2954	\$22,671,226	<p>The proposed WWTP expansion will increase the capacity of the current plant from 2.0 MGD to 4.0 MGD ADF.</p> <p>The plant will be designed to meet secondary treatment standards. Some capability for future nutrient removal will be provided.</p> <p>The biological treatment option will utilize a variation of the activated sludge process involving a membrane bio-reactor technology. The biological process works to develop a mixed (aerobic, anaerobic, and anoxic) culture of bacteria which effectively removes BOD, TSS, and nutrients from the wastewater. It operates under an average hydraulic detention time of approximately 10 hours and can achieve high treatment performance while requiring relatively simple and basic operational skills.</p>
Pike	Pike	<a href="#">SX21195692</a>	Mountain Water District	MWD - Belfry-Pond Sewer Project	2	1	75	256	0	\$8,120,000	<p>Mountain Water District seeks to fund and construct a new waste water treatment plant and collection system in the Belfry area of Pike County. The proposed MBR treatment plant will be located at Pegs Branch and will have a capacity of 300,000 GPD. Collection will be HDPE and lines included 13,625 LF of 2", 2,168 LF of 3", 9,880 LF of 6", and 12,972 LF of 8" and 20,321 LF of 1.25". Extensions will extend along U.S. 119 north and south of the plant to serve the greater Pond Creek area. This includes a new 500 GPD lift station near Toler and service connections to Southside Elementary, along with 290 grinder pumps, Belfry Middle School, and 256 additional businesses and residences from Forest Hills to Murphy Bottom in Belfry. Existing lines feeding into the Williamson, West Virginia WWTP will ultimately be redirected to the proposed plant.</p>
Floyd	Floyd	<a href="#">SX21071007</a>	City of Prestonsburg	PCUC: Big Sandy Regional Waste Water Treatment Plant	3	1	65	2200	900	\$8,944,498	<p>City of Prestonsburg will be the legal applicant and Prestonsburg City's Utility Commission will be the primary beneficiary. PCUC plans to construct its Big Sandy Regional Wastewater Treatment Plant 1MGD on the site of the current wastewater treatment plant that Southern operated in Pike-Floyd Hollow at Betsy Layne. Constructing the regional plant here enables PCUC to much more efficiently pursue the decades old goal of providing sewer service all along the US 23 corridor to the Pike County line. In addition, PCUC will be given the opportunity to provide sewer service to previously unserved areas in Pike-Floyd Hollow, Harold Bottom, Justell, Right and Left Forks of Pinhook Branch, and Lower Mud Creek/Upper Little Mud Creek, resulting in the reduction/elimination of an even greater number of failing septic systems and straight pipes. Furthermore, PCUC plans to reverse the flow of waste water at Allen that currently flows to its existing sewer plant sending the flow to the proposed new plant in Betsy Layne. Construction of the Big Sandy Regional Wastewater Treatment Plant at this location will further enhance the already substantial reduction of flow to the existing PCUC plant in Northern Prestonsburg.</p>
Johnson	Johnson	<a href="#">SX21115003</a>	Paintsville Utility Commission	Paintsville WWTP I & I Removal Project Phase II	4	1	65		2747	\$15,122,030	<p>Phase 2 of the Paintsville WWTP I &amp; I Removal project consists of consolidating their treatment facilities at the Honey Branch sit by conveying sewage from the Paintsville WWTP to the Honey Branch WWTP with a new dedicated pump station and force main and increasing the capacity of the Honey Branch WWTP to 2.0 MGD by utilizing Sequencing Batch Reactors.</p>

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Martin	Martin	SX21159007	Martin County Sanitation District	Martin County Sanitation District - Belt Press and Sludge Handling	5	2	60		500	\$2,000,000	<p>The WWTP's violations are related to the management of the waste activated sludge (WAS) and sludge handling and it's ability not meeting the permit limits. The ability of a WWTP to efficiently treat the wastewater is in part related to manage the MLSS and sludge age.</p> <p>Managing the MLSS to the proper value requires wasting the sludge on a regular basis. Proper handling of the sludge (RAS and WAS) effects the aeration ditch's ability to effectively treat the incoming waste water. The Inez WWTP is not able to effectively waste the WAS on a regular basis due to the original design of a "Gray Water System" and not having the amount of sludge production in the original design that they are generating now. The WWTP is holding the sludge in the clarifier and aeration ditch too long and causing ineffective treatment.</p> <p>Mixed liquor is a mixture of raw or settled wastewater and activated sludge contained in an aeration basin in the activated sludge process. Mixed liquor suspended solids (MLSS) is the concentration of suspended solids in the mixed liquor. Within the aeration basin, dissolved oxygen (DO), pH, active biological mass, mixing, rate of oxygen utilization, temperature, MLSS concentration, and retention time are critical factors that must be closely monitored.</p> <p>Wastewater influent and return activated sludge (RAS) from a secondary clarifier are mixed together and pumped to the aeration basin. In the basin, aerobic microbes decompose organic matter in the mixed liquor. This RAS is used to maintain the desired MLSS value. Measuring the solids concentration of RAS allows the return volume to be adjusted to keep the MLSS level in the aeration basin within the control parameters for effective treatment. Excess sludge which eventually accumulates in the secondary clarifier beyond that returned is defined as Waste Activated Sludge (WAS) and is removed from the treatment process to keep the ratio of biomass to food supplied (sewage or wastewater) in balance.</p> <p>If MLSS content is too high the process is prone to bulking and the treatment system becomes overloaded, this can cause the dissolved oxygen content to drop with the effect that organic matters are not fully degraded and biological 'die off'. Conversely, if the MLSS content is too low the process is not working efficiently removing organic matter likely wasting energy whilst not treating the effluent effectively and the sludge age may be too low to enable nitrification.</p> <p>This project will result in the construction of an influent screen, aerobic sludge digester and thickner, WAS pump station, and sludge roll off containers. The existing drying beds will be modified to hold the roll-off containers.</p>
Floyd	Floyd	SX21071009	Southern Water & Sewer District	Harold Sewer Line Extension to Mellow Brook	6	2	55	194	0	\$968,056	<p>The Mellow Brook Sewer Extension Project consists of constructing new low pressure sewer to serve residents in the Mellow Brook area of Harold, KY in Floyd County. The project consists of approximately 22,185 LF of low pressure sewer force mains, 82 residential grinder pump stations, and one quadplex grinder pump station. The sewer lines range from 1.25 inches to 4 inches in diameter.</p>
Floyd	Floyd	SX21071012	City of Martin	Garth Hollow Sewerline Extension	7	5	55	43	0	\$429,938	<p>The Garth Hollow Sewer Extension Project will construct approximately 700 LF of low pressure sewer in Garth Hollow in Martin, KY. This project will eliminate failing septic systems and serve 43 Households.</p>
Floyd	Floyd	SX21071010	Southern Water & Sewer District	Penhook Sewerline Extension	8	3	55	194	0	\$2,050,044	<p>This project will extend sewer service to the Penhook Area at Harold. There will be approximately 15,000 LF of 1.25" HDPE, 9,400 LF of 2" HDPE, 8,800 LF of 3" HDPE and 1,500 LF of 4" HDPE. This project also includes approximately 194 Residential grinder pumps.</p>
Johnson	Johnson	SX21115502	Paintsville Utility Commission	Paintsville Utility Commission Van Lear Waste Water Project	9	3	55	365	0	\$4,640,000	<p>The project will utilize the new treatment plant at John's creek. The project will extend along KY 302 in the area of Van Lear. Van Lear is a highly populated area with residential locations near the creek or near the road or Hillside. The lots of land are very close together which lead to failing septic systems and straight pipes. \$4,640,000,00 and will serve 365 new or improved households.</p>

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Martin	Martin	<a href="#">SX21159009</a>	Martin County Water District	Martin County Sewerline Extension Davellia to New Route 3	10	3	55	60	0	\$942,103	This project will provide sewer service to approximately 60 residents along Davelia Road towards Kentucky Route 3. The project will include 4" Force Main 19,000 LF, 2" Force Main 3,000 LF and residential grinder pumps.
Floyd	Floyd	<a href="#">SX21071234</a>	Prestonsburg City's Utilities Commission	PCUC - Lakeview Village Sewer System	11	7	55	11	0	\$212,000	This project involves the construction of a pressure sewer system to serve the residents of Lakeview village. Because of the terrain and close proximity of the proposed water line a portion of the lines will require dual encasement thus the project will require 5,200 linear feet of PE and a like amount of 4-in, 3-in, 2-in an 1 1/2-in PE pipe as well as 25 individual grinder pumps stations with all appurtenances. The sewers will be tied to an existing lift station to transport the sewage to Prestonsburg WWTP.
Johnson	Johnson	<a href="#">SX21115510</a>	Paintsville Utility Commission	Paintsville Utilities Powell Addition Sewer Project	12	2	55	128	0	\$2,750,000	The community of Powell Addition in Johnson County has raw sewage visible in ditch lines and lawns. The proposed project will eliminate 30 failing septic systems and 20 straight pipes by providing public sewer service to 128 customers. The opinion of probable project cost is \$2,750,000.
Pike	Pike	<a href="#">SX21195020</a>	City of Elkhorn City	Elkhorn City Upper Branch Sewer Project	13	2	55	25	0	\$605,000	Project consists of the installation of a new sanitary sewer main to provide sewer service to 25 new customers currently without service. The project will install approximately 3,400 LF of 8 inch PVC sanitary sewer line. The project will provide the local residents with a more reliable sanitary sewer service and eliminate on-site septic systems.
Pike	Pike	<a href="#">SX21195696</a>	Mountain Water District	MWD - Forest Hills Phase III	14	7	55	41	0	\$1,050,000	Mountain Water District seeks funding to extend its existing sewer collection system that currently serves Forest Hills. The new construction will be the final phase to complete the Forest Hills wastewater project. The new extension will allow the District to continue the reduction of environmental health issues related to the excess numbers of straight pipes or failing septic systems within the project area.
Floyd	Floyd	<a href="#">SX21071013</a>	City of Prestonsburg	Rehab Prestonsburg's Old Wastewater Treatment Plant	15	6	55			\$847,400	This project proposes to replace and upgrade existing processing facilities which are either at the end of their life or operationally inefficient. The existing sludge belt press is at the end of its production life cycle and needs to be replaced. PCUC proposes to replace with a much smaller footprint screw press than uses a fraction of the process water, as well as a fraction of the labor and power. The existing Headworks Screen has been a maintenance and operational nightmare since it was installed with the last plant upgrade years ago. The screen is constantly breaking down, has inadequate service support for parts and labor while creating regulatory compliance and adverse operational issues for PCUC. The proposed project proposes to replace the screen and modified the structure for maintenance issues. The project also proposes to retrofit a couple of old clarifier basins for post equalization which will increase the operational efficiency and the effluent capabilities for regulatory compliance of the WWTP.
Pike	Pike	<a href="#">SX21195026</a>	Mountain Water District	Phelps Sanitary Sewer System Upgrades and Hydrology Study	16	5	50		807	\$1,666,890	Project consists of a hydrology study to identify the best suited location for installation of three new lift stations. The project will also include the necessary upgrades to the existing lift stations in order for the system to operate more efficiently. The existing system is currently having issues related to high head and low efficiency pumping. The project proposes the replacement of the existing pumps with new Flygt pumps and the installation of new pump station controls to eliminate these issues. The existing lift station pumps are old and no longer operate efficiently.
Floyd	Floyd	<a href="#">SX21071002</a>	Southern Water & Sewer District	Sewer Line Extension From New Plant At Eastern	17	8	50	41	0	\$500,000	Provide sewer service to residents living across Hwy 80 from the new Eastern sewer plant and serve about 20 homes.
Pike	Pike	<a href="#">SX21195009</a>	City of Elkhorn City	Elhorn City - Centerville Sewer Line	18	6	50	0	150	\$650,000	Project consists of the replacement of the existing sanitary sewer pumps with new Flygt pumps and controls at the Senterville Lift Station and the Elkhorn City Elementary School Lift Station. The existing lift station pumps are old and no longer operate efficiently. The project will improve the operating efficiency and upgrade the station electronics to improve operation of each lift station. A lift station screening system will also be installed on the Senterville Lift Station due to the amount of debris being received from the rest home nearby. Finally, the project will rehab the existing sanitary sewer lines, manholes and wet wells. The manholes and wet wells will be rehabbed by waterproofing with a protective coating to prevent inflow and infiltration

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Magoffin	Magoffin	<a href="#">SX21153004</a>	Salyersville Water Works	Magoffin County Garage Lift Station and Line Replacement Project	19	1	50	0	40	\$735,000	Complete replacement of the existing Magoffin County Garage wastewater lift station and influent gravity sewer line from lift station to the intersection of Route 40 and Fox Run Road. Includes +/-3500 LF of 8 inch pvc gravity sewer replacement for 8 inch clay tile sewer and reconnection of +/- 40 sewer laterals.
Floyd	Floyd	<a href="#">SX21071721</a>	Southern Water & Sewer District	SWSD - Wayland Sewer Line Extension Project	20	9	50	51	0	\$2,000,000	The Wayland sewer line extension project is considered the second phase of the WWTP that began in January 2003 and the first phase is just now under completion. The plant was so constructed that its capacity can be expanded as customer growth dictates. This second phase sewer extension project will serve approximately 81 additional homes on shop branch, steele road, stamper branch, and Martin branch. These areas are presently without public sewage collection and treatment services. Homes in this area are using either straight pipes or failing septic systems. Complaints of sewage odor in the warm months, viewable sewage on the ground and straight piped are complaints known and faced by residents of this area.
Pike	Pike	<a href="#">SX21195105</a>	City of Pikeville	Pikeville Cedar Creek Sewer Extension	21	9	50	15	0	\$550,000	Project consists of the extending sanitary sewer service to an area of Cedar Creek Subdivision currently without service. The project will serve the homes along Kati Street, Summer Street, Jay Lane, and Evan Street. The project would serve approximately 21 new customers who are currently relying on on-site septic systems. The proposed project is anticipated to be comprised of 2" and 3" force main sanitary sewer lines with residential grinders placed at each residence served.
Pike	Pike	<a href="#">SX21195120</a>	City of Pikeville	Pikeville Sewer Telemetry Project	22	8	45			\$375,000	Project consists of the acquisition and installation of a base station and server for tracking and logging multiple fields of data from remote 7 monitoring points (Lift Stations). The 7 sanitary sewer lift stations to be equipped with Telemetry RTU's are: the Marion Branch Lift Station, the Bruce Walters Ford Lift Station, the Poor Farm Lift Station, the Walters Chevrolet Lift Station, the Thompson Road Lift Station, the Chevron Lift Station and the Mayhorn's Lift Station
Floyd	Floyd	<a href="#">SX21071902</a>	Wheelwright Utilities Commission	Wheelwright - Replacement of Sewer System	23	4	45	0	93	\$587,000	This project is to replace 75 year old gravity sewer which are in deplorable condition. Due to the age of the sewers, they are not sealed which present problems with infiltration.
Martin	Martin	<a href="#">SX21159006</a>	Martin County Sanitation District	Martin County Sanitation District - KY 645 Development Area Sewer Extensions	24	1	45	10	0	\$404,905	The project will consist of the construction of approximately 5,400 linear feet of 6 inch PVC force main as well as a duplex grinder pump station to serve a new school and other development along KY 645. It brings wastewater capabilities to the project area for the new Martin County High School and would open an area for future potential development around the new high school. The proposed location of the new school is not currently served by water/sewer. The current Martin County High School is located at a temporary location due to damages incurred to their former school building that necessitated closing the facility. The county is also seeking funding for water extensions. The water system extension will consist of the construction of a 150,000 gallon ground storage tank, 5,500 linear feet of 8" water main as well as a water booster pumping station. The total project cost for water and sewer is estimated at \$1,342,850.00. Previous engineering estimates had the project cost at \$1,871,800. However, the project was re-evaluated and altered to eliminate \$528,950 to bring the project in at its current estimate. A large portion of that was due to the change from 8" gravity sewer pipe to 6" PVC force main and the reduction of the water storage tank from 300,000 gallons to 150,000 gallons.
Johnson	Johnson	<a href="#">SX21115011</a>	Paintsville Utility Commission	Pack Hill - Teay's Branch Wastewater line extension	25	4	45	6		\$319,000	This project will extend sewer service to the areas of Pack Hill and Teay's Branch, this project will serve 6 customers.
Pike	Pike	<a href="#">SX21195029</a>	City of Elkhorn City	Stonecoal Sanitary Sewer Project	26	4	40			\$1,050,348	Project consists of the installation of a new sanitary sewer main to provide sewer service to the Stonecoal Development. The project will install approximately 3,700 LF of 8 inch PVC sanitary sewer line, 16 manholes and a new lift station to transport the waste to the Elkhorn City WWTP. The installation of utilities is the first step in the development of the Stonecoal site. The project will attract potential developers and businesses to the site due to its ability to provide sanitary sewer service to each lot.

## WRIS Fiscal Year 2017 Project Rankings for BSADD

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost	Project Description
					Regional	Planning Unit	Total Points	Unserved	Underserved		
Magoffin	Magoffin	<a href="#">WX21153019</a>	Magoffin County Water District	Magoffin Industrial Park	1	1	55	1	35	\$431,300	The Project will consist of approximately 22,500 LF of 4" PVC, SDR-17 water supply line to the new Industrial Park near Gullett.
Floyd	Floyd	<a href="#">WX21071730</a>	Southern Water & Sewer District	SWSD - Lackey to Wayland Water Line Replacement	2	1	55	0	435	\$1,350,000	This project is the replacement of the existing water line from Lackey along route 7 to Wayland, Kentucky. This project will replace approximately 20,000 linear feet of existing 8-10 inch PVC/asbestos/concrete lines with 6 and 8 inch PVC waterline along Route 7 to the City of Wayland.
Pike	Pike	<a href="#">WX21195027</a>	Mountain Water District	Water Loss Prevention Program Phase I – Contract #1	3	4	50			\$1,500,000	Project consists of the installation of new master meters throughout the District to facilitate identification of water loss zones. The project will also include the installation of telemetry to enable the District to remotely monitor master meter flow rates to increase response time to potential leak areas. The existing system currently has issues related to water loss. The PSC has issued an order to the Mountain Water District to curtail and decrease the volume of water loss. The Mountain Water District service area is rural in nature and serves the majority of Pike County. The installation of additional master meters will assist the District in better determination of the source and / or location of water loss via zone metering. This project is the first Phase in the Water Loss Prevention Program. Contract #1 will be the initial Phase to provide a means to quantify and identify the areas experiencing water loss.
Pike	Pike	<a href="#">WX21195028</a>	Mountain Water District	Water Loss Prevention Program Phase I – Contract #2	4	7	50			\$1,500,000	Project consists of the rehabilitation and upgrades to the Harless Creek Water Treatment Plant to improve the efficiency of operation. The project will include the removal of lagoon siltation, high pressure washing of sediment accumulation in clear well, rehabilitation of the high service pit and dry gallery to reestablish maximum capacity, and ensure compliance with EPA and DOW regulations. The project will also include the replacement of aging and failing service lines and mainlines as identified in Contract #1 of the Water Loss Prevention Program.
Martin	Martin	<a href="#">WX21159007</a>	Martin County Water District	Water Treatment Plant Clarifier Rehab	5	1	50			2,558,353	This project will rehab the existing clarifier unit (No. 1) at the water treatment plant. The clarifier unit was constructed in the late 1960; renovated in the late 1980 and is in need of rehabilitation again.  The clarifier unit is a combination upflow clarifier and settling basin with peripheral filters. The unit has a treatment capacity of 0.7 to 1.0 MGD (depending on raw water turbidity). The unit is in the need of having the metal support bridge repainted; the clarifier rake mechanism is in the need of repair with damaged or broken supports replaced and structurally reinforced; the motor gear box and drive unit needs to be replaced. The filter underdrain is the original underdrain system with ceramic spheres, which several are missing or have worn down. Several underdrain hoppers are in poor or failing condition causing the filter media to fall into the filter chase.  Additional work will be done to relocate the filter effluent, filter drain, filter-to-waste, and effluent valves to a new valve vault similar to the existing two units that was constructed in 2010. Tube settlers will be installed in this unit similar to the two existing units. The portions or parts of the clarifier that will be rehabilitated or replaced: The metal support bridge repainted, clarifier rake mechanism replaced, motor gear box and drive unit replaced. The filter underdrains will be replaced. This project will impact the finished water by improving filtration by reducing the filtration. This will not impact potential DBP formation at the water plant. This project is not needed to meet CT and/or cryptosporidium removal requirements.  This project will also replace remainder of district's water meters to radio read meters, residential and commercial.

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Martin	Martin	<a href="#">WX21159006</a>	Martin County Water District	ARC Water System Improvements	6	2	50	0	1000	\$1,445,250	his project involves the replacement of 1,000 water service lines and meters in the Martin County Water District's distribution system. The replacement of customer service lines (from the water main to customer connection at the meter) will primarily be in the Beauty and Warfield area. The District has experienced water loss exceeding 60 percent and recent water loss studies have shown significant water loss in the Beauty & Warfield area is attributed to service line leakage and inaccurate meters. Meters in the area are over 20 years old resulting in under-registering the amount of water passing through the meters. By replacing the service lines and meters, water loss will be reduced and the District will receive the following benefits: lower operating expenses for producing and delivering water; lower operating expenses from leak repairs; increase revenue by accurately billing for all the water passing through the meters
Johnson	Johnson	<a href="#">WX21115015</a>	Paintsville Utility Commission	Miscellaneous Water Line Extensions - Phase 3	7	1	50	75	0	\$118,322	The project will provide public water service to approximately 75 new customers. The new customers will be served through a 3-inch and 4-inch waterlines. Paintsville Utility Commission (PUC) will purchase all required materials and install all piping and appurtenances with PUC work force. The areas of Johnson County to be served include Honey Lane at Stambaugh, Old School House Hollow at Concord, Buffalo Creek Road at Boonescamp, Stapleton Lane at Elna, Dixon Branch at Flat Gap, Jackson Fork Road at Riceville, Patoker Hollow Road at Elna, Burskirk Drive and Atkinson Lane at Thelma, KY 1107 at Davis Branch, Kimbler Lane at US 23 and Hackney Hollow at US 23. The project will provide approximately 23,000 liner feet of waterline.
Magoffin	Magoffin	<a href="#">WX21153012</a>	Salyersville Water Works	Salyersville Water Aging Water Main Phase III	8	3	50		862	\$1,105,000	This is a project to replace various aging water mains throughout the city's water distribution system, replace aging hydrants, and reconnect residential water meter services. This is a small diameter replacement project. The replacements vary in size from 2" to 8". Most of the existing lines are old cast iron with excessive interior tuberculation and poor joints. Existing hydrants on the lines targeted for replacement will be replaced. Line replacements are not intended to reduce water loss. Line replacements are proposed to: (1) minimize break repairs, (2) reduce water quality complaints (flow upsets dislodge interior tuberculation), (3) improve pressure in marginal locations, and (4) increase emergency flow capacity. The project will abandon existing water lines. This mandates that customer services connections be moved from old pipes to new pipes. A new tap, stop, and the service line between the new main and meter box must be installed to return service to the existing meter set. A new 30 GPM booster pump station will be constructed on College Street near Connelley Drive. There will be no new customers. There will be no new line extensions. This is a project to upgrade aging facilities. Existing water lines on the following streets will be impacted: Prater, Patrick, Elam, College, Connelly, Bailey, Broadway and Howard.
Pike	Pike	<a href="#">WX21195740</a>	Mountain Water District	MWD-Variou Waterline Extensions	9	8	50	88	0	\$2,100,000	Project consists of the installation of new ductile iron water line to provide safe drinking water to residents of Pike County currently not served by the District. The project will serve the Sycamore of Johns Creek, Kaney Branch of Zebulon, Three Mile area of Dorton and Tunnel Road of Shelby. The project will also include the installation of a booster pumping station and telemetry to enable the District to remote monitor the operation of the station. The proposed project is anticipated to serve 88 new customers.
Floyd	Floyd	<a href="#">WX21071731</a>	Southern Water & Sewer District	Southern Water & Sewer District – Water Meter Change Out Program	10	2	50		2850	\$1,329,400	The District is proposing to change out its existing meters to radio read meters. This will be a system wide change out. The system will purchase approximately 2850 meters. The system currently has no radio read meters. Radio read meters offer greater efficiency and accuracy. System personnel can be utilized by other operation and maintenance work as meter reading time is greatly reduced with radio read meters.
Magoffin	Magoffin	<a href="#">WX21153023</a>	Magoffin County Water District	Magoffin County Water District - Radio Telemetry System	11	4	45		3400	\$644,000	This projects consist of installing a complete radio telemetry system for all pump stations, tanks, and a central office to Monitor the distribution system.

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Pike	Pike	<a href="#">WX21195032</a>	City of Pikeville	Radio Read Water Meter Upgrade	12	3	45		4680	\$921,060	This project would replace 4,680 meters within the City of Pikeville's water district to a radio-read water meter system. This project will also include Panasonic Toughbooks, transceivers, route software, and 3-onsight training. The requested amount also includes installation and the necessary upgrades to the current billing system.
Pike	Pike	<a href="#">WX21195029</a>	Mountain Water District	Radio Read Meter Replacement Project - Phase I	13	1	45		5000	\$1,870,000	This project will be the first phase of a two phase project consisting of the purchase and installation of 8500 radio read meters, currently the district has approximately 17,000 radio read meters that need to be replaced due to aging throughout the Mountain Water District service area. The existing transmitters and batteries are beginning to fail. The units are becoming unreliable. This project is the first phase of the radio read replacement program by which the District's entire radio read meter system will be replaced.
Pike	Pike	<a href="#">WX21195034</a>	Mountain Water District	Radio Read Meter Replacement Project- Phase II	14	6	45			\$1,870,000	Project consists of the purchase and installation of 8500 radio read meters to replace the aging existing meters throughout the Mountain Water District service area. The existing transmitters and batteries are beginning to fail. The units are becoming unreliable. This project is the second phase of the radio read replacement program by which the District's entire radio read meter system will be replaced.
Martin	Martin	<a href="#">WX21159009</a>	Martin County Water District	Water System Controls and Raw Water Modifications	15	3	45		3335	\$4,776,750	This project will include raw water intake modifications. A secondary intake will be added in the Tug Fork River providing redundancy. Piping, pumps, and controls will be upgraded to provide for the second intake. In addition to the second raw water intake, the raw water transmission main will be extended from the Crum Reservoir to the water treatment plant and a new reservoir intake structure will be constructed. The transmission main will be 3,500 linear feet of 16 inch ductile iron pipe.  Also part of this project will be the replacement of water mains in three locations. The locations are Turkey Creek (KY 908), Wolf Creek - Meathouse Branch to Pigeon Roost, and Town Point Curve on KY 3 north of Inez. The replacement lines will all be 6 inch SDR 17, Class 250 PVC.  Another portion of this project is the installation of system wide telemetry SCADA system and the replacement of approximately 1,000 individual customer service lines in the Inez area.
Pike	Pike	<a href="#">WX21195009</a>	City of Elkhorn City	City of Elkhorn City - Water Improvements - Radio Read Meters	16	2	45		516	\$605,000	Project consists of the purchase and installation 550 radio read meters within the City of Elkhorn City service area. The proposed project also includes the installation of the necessary hardware and software to properly operate the new meter reading system. This project will provide and enable the City of Elkhorn City the ability to more efficiently receive monthly water usage totals. The project also improves the City's billing system to near real-time consumption. The new radio reading meter system will eliminate the expense of periodic trips to each physical location to read a meter.
Floyd	Floyd	<a href="#">WX21071006</a>	Southern Water & Sewer District	Southern Water and Sewer District Various Line Extensions	17	3	40	75	0	\$1,223,050	This project will extend water service to un-served customers various areas in the county. The areas include: Patton Branch, Plummer Branch, Potter Clinic/Millard Allen Road, Martin Branch, Sizemore Mountain Road, Gearheart Branch, Wolpen, Tackett Fork, Morg Branch, Clark Branch, and Skull Fork. The project will consist of installing approximately 79,000 linear feet of 4 inch PVC pipe.
Magoffin	Magoffin	<a href="#">WX21153029</a>	Magoffin County Water District	Magoffin - KY 542/Sandbottom Water Line Extension	18	2	40	26	0	\$1,097,811	Install approximately 31,000 feet of 4" water line and its appurtenances to serve approximately 26 households; also install a pump station and 50,000 gallon water storage tank to provide adequate pressure. This project will also extend approximately 3,000 FT of 3 in PVC pipe to the sand bottom area of Magoffin County.
Johnson	Johnson	<a href="#">WX21115028</a>	Paintsville Utility Commission	New Water Tank and Transmission Line KY 321	19	2	40			Unknown	This project will add a new tank and transmission line

Planning Unit	County Name	PNUM	Applicant	Project Title	Ranking			Households		Project Cost	Project Description
					Regional Planning Unit	Planning Unit	Total Points	Unserved	Underserved		
Pike	Pike	<a href="#">WX21195033</a>	City of Elkhorn City	Stonecoal Water Supply Project	20	5	35			\$775,000	Project consists of the installation of an 8" water main to provide potable water service to the Stonecoal Development. The project will install approximately 6,700 LF of 8 inch ductile iron waterline. The project will also include a master meter and new customer service connections. The installation of utilities is the first step in the development of the Stonecoal site. The project will attract potential developers and businesses to the site due to its ability to provide potable water service to each lot.



Big Sandy Area Development District

## 2017 Board of Directors

Floyd County		Position		Appointment	Term		
Name	County	Office	on Board	Race	Sex	to Board	Expires
Hon. Ben Hale, Chair County Judge/Executive 149 South Central Ave. Prestonsburg, KY 41653	Floyd	(606 )886-9193	County Judge/Executive	Cauc.	M	1/28/2015	12/31/2019
Hon. Les Stapleton Mayor of Prestonsburg 200 North Lake Dr. Prestonsburg, KY 41653	Floyd	(606) 886-2336	Mayor of Prestonsburg	Cauc.	M	1/28/2015	12/31/2019
Hon. Sam Howell Mayor of Martin P.O. Box 749 Martin, KY 41649	Floyd	(606) 285-9335	Mayor of Martin	Cauc.	M	1/28/2015	12/31/2019
Hon. Jerry Fultz Mayor of Wayland Box 293 Wayland, KY 41666	Floyd	(606) 358-9471	Judge Exec. Appointee/Repr.	Cauc.	M	11/22/2016	12/31/2019
Mr. Burl Spurlock First Commonwealth Bank 311 N. Arnold Avenue Prestonsburg, KY 41653	Floyd	(606) 886-2321	Citizen Repr.	Cauc.	M	1/28/2015	12/31/2018

Source: BSADD

**Big Sandy Area Development District**

**2016 Board of Directors Continued**

<b>Johnson County Name</b>	<b>County</b>	<b>Office</b>	<b>Position on Board</b>	<b>Race</b>	<b>Sex</b>	<b>Appointment to Board</b>	<b>Term Expires</b>
Hon. Roger T. Daniel, 2nd V. Ch County Judge/Executive P.O. Box 868 Paintsville, KY 41240	Johnson	(606) 789-2550	County Judge/Executive	Cauc.	M	1/28/2015	12/31/2019
Hon. Bill Mike Runyon Mayor of Paintsville P.O. Box 1588 Paintsville, KY 41240	Johnson	(606) 789-2600	Mayor of Paintsville	Cauc.	M	1/24/2017	12/31/2019
Ms. Lillian Wheeler Johnson Co. Fiscal Court P.O. Box 868 Paintsville, KY 41240	Johnson	(606) 789-2550	Judge Exec. Appointee/Repr.	Cauc.	F	1/28/2015	12/31/2019
Ms. Susan Howard Dept. of Social Services P.O. Box 1151 Paintsville, KY 41240	Johnson	(606) 789-6251	Regional Low-Income Repr.	Cauc.	F	1/24/2017	12/31/2017
Mr. Mark McKenzie P. O. Box 1131 Paintsville, KY 41240	Johnson	(859)351-9477	Citizen Repr.	Cauc	M	1/28/2015	12/31/2018
<b>Magoffin County</b>							
Hon. Charles Hardin, Secretary County Judge/Executive P.O. Box 430 Salyersville, KY 41465	Magoffin	(606) 349-2313	County Judge/Executive	Cauc.	M	1/28/2015	12/31/2019
Hon. James Shepherd Mayor of Salyersville P.O. Box 640 Salyersville, KY 41465	Magoffin	(606 ) 349-2405	Mayor of Salyersville	Cauc.	M	1/28/2015	12/31/2019
Mr. Millow McCarty HC62, Box 605 Laurel Branch Salyersville, KY 41465	Magoffin	(606) 349-6837	Judge Exec. Appointee/Repr.	Cauc.	M	1/28/2015	12/31/2019
Mr. Don Cecil 9991 S. E. Licking River Rd. Salyersville, KY 41465	Magoffin	(606) 349-2233	Citizen Repr.	Cauc.	M	1/28/2015	12/31/2018

Source: BSADD

**Big Sandy Area Development District**

**2016 Board of Directors Continued**

<b>Martin County Name</b>	<b>County</b>	<b>Office</b>	<b>Position on Board</b>	<b>Race</b>	<b>Sex</b>	<b>Appointment to Board</b>	<b>Term Expires</b>
Hon. Kelly Callaham P.O. Box 309 Inez, KY 41224	Martin	(606) 298-2800	County Judge/Executive	Cauc.	M	1/28/2015	12/31/2019
Hon. Ed Daniels Mayor of Inez P. O. Box 56 Inez, KY 41224	Martin	(606) 298-4602	Mayor of Inez	Cauc.	M	4/25/2017	12/31/2019
Mike Crum P.O. Box 309 Inez, KY 41224	Martin	(606) 298-2800	Judge Exec. Appointee/Repr.	Cauc.	M	1/28/2015	12/31/2019
Ms. Nita Collier, Treasurer Citizen Member P. O. Box 1418 Inez, KY 41224	Martin	(606) 298-4073	Citizen Repr.	Cauc.	F	8/23/2016	12/31/2018
<b>Pike County</b>							
Hon. Bill Deskins County Judge/Executive 146 Main Street Pikeville, KY 41501	Pike	(606) 432-6247	County Judge/Executive	Cauc.	M	1/28/2015	12/31/2019
Hon. Jimmy Carter Mayor of Pikeville 243 Main Street Pikeville, KY 41501	Pike	(606) 437-5100	Mayor of Pikeville	Cauc.	M	1/28/2015	12/31/2019
Hon. Mike Taylor Mayor of Elkhorn City P.O. Box 681 Elkhorn City, KY 41522	Pike	(606) 754-5080	Mayor of Elkhorn City	Cauc.	M	1/28/2015	12/31/2019
Mr. Brian Morris 146 Main Street Pikeville, KY 41501	Pike	(606) 432-6247	Judge Exec. Appointee/Repr.	Cauc.	M	1/28/2015	12/31/2019
Ms. Kitty Baird P.O. Box 49 Pikeville, KY 41502	Pike	(606) 437-9180	Citizen Repr.	Cauc.	F	1/28/2015	12/31/2018
Hon. Andrew H. Scott, V. Chair Mayor of Coal Run 105 Church Street Coal Run, KY 41501	Pike	(606) 437-6032	Other Cities Selection	Cauc.	M	3/22/2016	12/31/2019

## Big Sandy Economic Development Council CEDS Committee

- o Ben Hale, Floyd County Judge Executive
- o Roger T. Daniel, Johnson County Judge Executive
- o Dr. Charles Hardin, Magoffin County Judge Executive
- o Kelly Callaham, Martin County Judge Executive
- o William Deskins, Pike County Judge Executive
- o Bill Mike Runyon, Mayor – Paintsville
- o Eddie Daniels, Mayor – Inez
- o James Shepherd, Mayor – Salyersville
- o Jimmy Carter, Mayor – Pikeville
- o Mike Taylor, Mayor – Elkhorn City
- o Sam Howell, Mayor – Martin
- o Sharon Woods, Mayor – Allen
- o Les Stapleton, Mayor – Prestonsburg
- o Don Hall, Mayor – Wheelwright
- o Jerry Fultz, Mayor – Wayland
- o Ronald Workman, Mayor - Warfield
- o Andrew H. Scott, Mayor – Coal Run Village
- o Robert M. Duncan, Inez Deposit Bank & Big Sandy Regional Industrial Development Authority
- o Arnold Turner, Attorney & Big Sandy Regional Industrial Development Authority
- o Jim Booth, Booth Energy & Big Sandy Regional Industrial Development Authority
- o A.B. Conley, Big Sandy Regional Industrial Development Authority – Magoffin County
- o Kathy Walker, EKAMI & Big Sandy Regional Industrial Development Authority
- o Paul Patton, Big Sandy Regional Industrial Development Authority & UPIKE
- o Minta Trimble, Pikeville Main Street
- o Ted Nairn, Prestonsburg Industrial Authority
- o Kathy Allen, Floyd County Chamber of Commerce
- o Jared Arnett, SOAR
- o Jacob Colley, Kentucky Power
- o Bobby McCool, Johnson County Chamber of Commerce
- o Brad Hall, Kentucky Power
- o Regina Becknell, Mountain Association of Community Economic Development
- o Brett Traver, Southeast Kentucky Economic Development Corporation
- o Christi Brown, Martin County Economic Development Authority
- o Mitchell Pearson, Prestonsburg Visitors & Convention Bureau
- o Robyn Lee, Kentucky Cabinet for Economic Development
- o Joan Ward, Kentucky Cabinet for Economic Development
- o Kelli Hall Chaney, Big Sandy Community & Technical College
- o Terry Spears, Community Trust Bank
- o Stephanie Richards, UK – Cooperative Extension Service, Fine Arts
- o Lisa Estep – Pikeville Medical Center
- o Tony Tackett, Pikeville-Pike County Tourism
- o Melissa Williams, Eastern Ky. Concentrated Employment Program
- o Jerry McBrayer, Ky. Office of Employment & Training
- o Rob Helton, Office of Employment & Training
- o Joyce Wilcox, EKCEP
- o Justin Prater, University of Pikeville – Kentucky Innovation Network
- o Michelle Spriggs, MSU Small Business Development Center
- o Trina Allen, Office of Employment & Training
- o Sean Cochran, City of Pikeville
- o Grace Nelson, Anthem
- o Darlene Howell, Appalachian Wireless
- o Chuck Sexton, One East Kentucky

## Big Sandy Area Development District

### Resources

ARC – Appalachian Development Plan

<https://kydlgweb.ky.gov/Documents/ARC/KY%20App%20Dev%20Plan%20TW%201-27.pdf>

FDIC

<https://www2.fdic.gov/sod/dynaDownload.asp?barItem=6>

Kentucky Infrastructure Authority – WRIS – Project Rankings

<http://wris.ky.gov/portal/Reports.aspx>

Kentucky Center for Education and Workforce Statistics

<https://kcews.ky.gov/KYLM/Index/>

Kentucky Tourism

<http://www.kentuckytourism.com/industry/research.aspx>

Kentucky's Unbridled Future – Strategic Economic Development Plan

<http://kwib.ky.gov/stateplan2012/AttachmentC.pdf>

SBA – Business Disaster Preparedness

<https://www.sba.gov/category/navigation-structure/starting-managing-business/managing-business/running-business/emergency-preparedness-and-disaster-?AugustDisasterSOCMED>

SOAR Blueprint

<http://www.soar-ky.org/blueprint>

Stats America

<http://www.statsamerica.org/>

U.S. Census Bureau

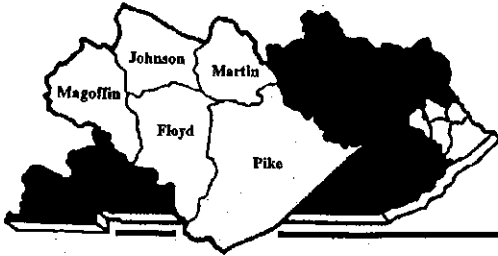
<http://www.census.gov>

The State of Working Kentucky 2016

<http://kypolicy.org/sowk2016/>

Water/wastewater projects (KIA)

<http://wris.ky.gov/portal/PrjData.aspx>



**BIG SANDY**  
**AREA DEVELOPMENT DISTRICT, INC.**  
**110 RESOURCE COURT**  
**PRESTONSBURG, KY 41653**

**RESOLUTION OF THE BIG SANDY AREA DEVELOPMENT DISTRICT  
2017 COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY**

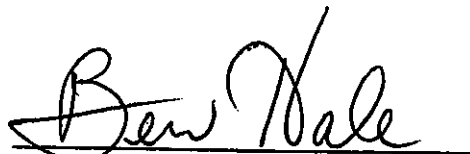
**WHEREAS**, the Kentucky Area Development Districts, in coordination with the Department for Local Government (DLG), Appalachian Regional Commission (ARC), and the Economic Development Administration (EDA), are engaged in a Commonwealth-wide community-based, strategic planning process; and

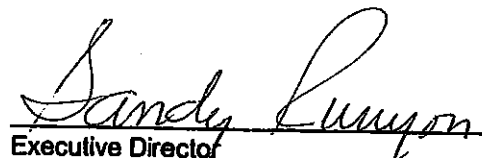
**WHEREAS**, the Big Sandy Area Development District Board of Directors, CEDS Committee completed a Comprehensive Economic Development Strategy (CEDS) to assure compliance with eligibility for funding through EDA; and

**WHEREAS**, the Board of Directors recognizes the CEDS Plan and the 2017 report as the Big Sandy Area Development District's consensus strategy and template for future economic growth and revitalization in the region.

**NOW, THEREFORE, BE IT RESOLVED**, that the Big Sandy Area Development District Board of Directors approves and adopts the Big Sandy Comprehensive Economic Development Strategy 2017 for submission to the Economic Development Administration, Appalachian Regional Commission and Department for Local Government.

Adopted this 28<sup>th</sup> day of November 2017.

  
Chair

  
Executive Director

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### 2017 CEDS DRAFT DOCUMENT FOR REVIEW AND COMMENT

written by administrator  
friday, 27 october 2017 10:22

[2017 CEDS Draft Document for Review and Comment](#)

last updated on friday, 27 october 2017 10:36



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- Home
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- Projects
- Economic Development
- 2016 CEDS
- GIS
- Planning
- Public Administration
- CEDS Document 2015
- 2017 CEDS Document for Review
- Aging Services
- Community Services

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