

# BLUEGRASS ADD

KWRRI BGADD PRESENTATION

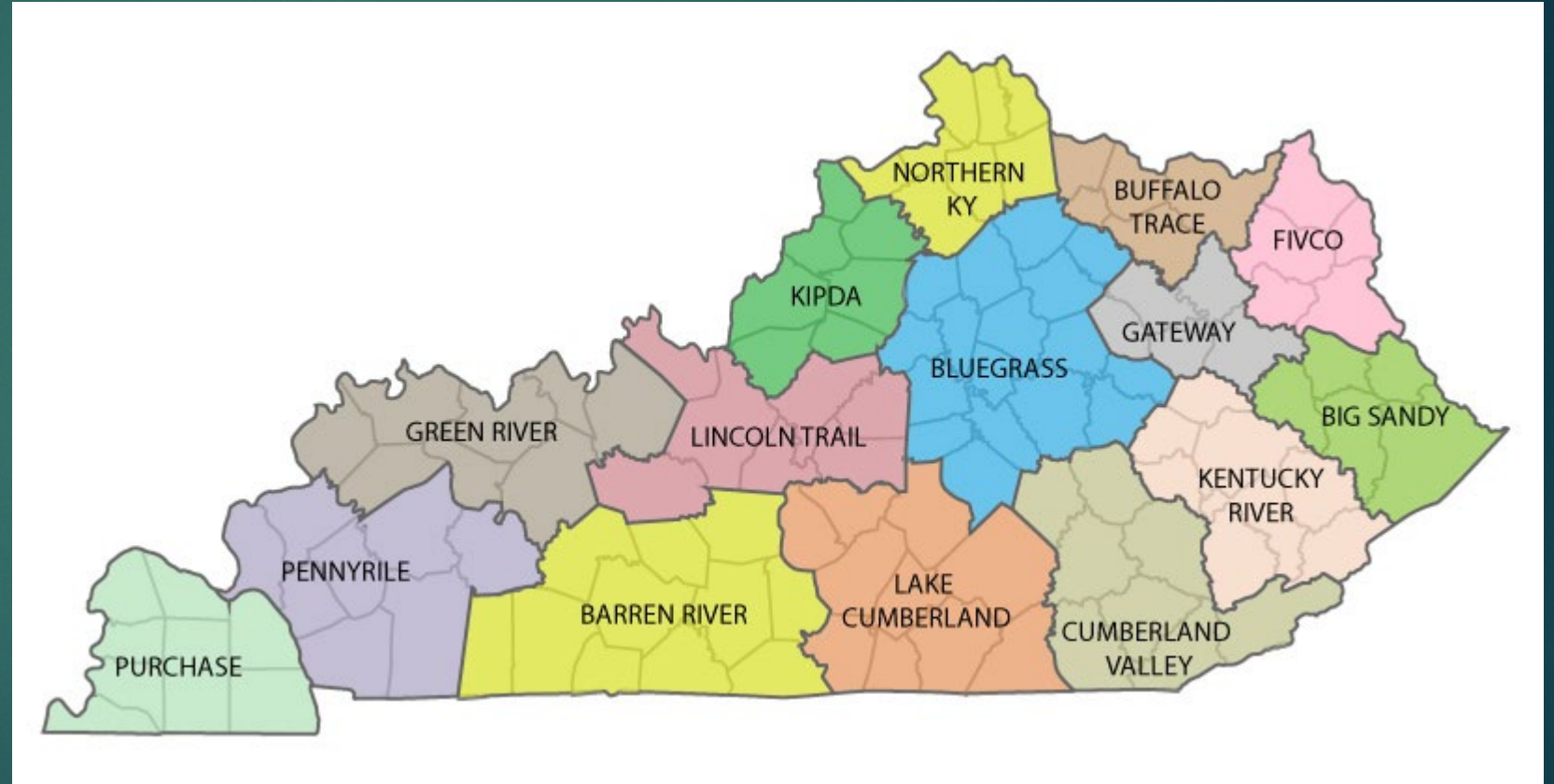
# Where are we?

Bluegrass Area Development  
District  
699 Perimeter Drive  
Lexington, KY 40517

Shane New: Director of  
Community Planning

Karyn Leverenz: Infrastructure  
Development Coordinator

859 269 8021





# Services Provided by ADDs

## **Transportation**

Centerline/Road Names  
Highway Safety  
Public Transit  
Transportation Planning

## **GIS Mapping Services**

911  
PVA  
Interactive Web  
Mapping  
Community Assets  
Hazard Mitigation  
Trails  
Water/Sewer/Storm Lines

## **Economic Development**

Water and Wastewater  
Management  
CEDS Planning  
Grant Writing  
Hazard Mitigation  
Homeland Security  
Industrial Development  
Public Administration  
Revolving Loan Program  
Tourism  
Training Programs

## **Aging and Disability Services**

## **Workforce Development**

And much more...

# GIS Services



Interactive Web Mapping



Custom web development (any database related work i.e. asset management)



Water/Sewer Lines  
(Hydrants, valves & tanks)

KIA work

Additional Service Meter  
Collection

Technical Assistance for  
Independent Systems



Sub Centimeter Grade GPS work

# GIS Web Mapping

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Parksville Water

(<https://maps2.bgadd.org/Boyle/ParksvilleWater/>)

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North Jessamine Water

(<http://maps2.bgadd.org/jessamine/njwd/>)

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Garrard Water

(<http://maps2.bgadd.org/garrard/garrardwater/>)

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Lancaster Water

(<https://maps2.bgadd.org/garrard/LancasterWater/>)

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Lancaster Sewer

(<https://maps2.bgadd.org/garrard/LancasterSewer/>)

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City of Danville (in development)



# GIS Web Mapping

The screenshot displays a web browser window with the URL `maps2.bgadd.org/Boyle/ParkvilleWater/`. The browser's address bar and tabs are visible at the top. The main content area shows a satellite map of a rural area with a network of roads and utility lines overlaid. The roads are labeled with names such as `JOHNSON BRANCH RD`, `TANKSPOND RD`, `IVY RD`, and `TENNESSEE RIDGE RD`. The utility lines are represented by colored lines (blue, green, orange) with small circular markers at various points along the network. A search bar at the top left of the map interface contains the text `Find address or place`. The bottom left corner of the map shows a scale bar for `600ft` and coordinates `37.583 -84.901 Degrees`. The bottom right corner features the `POWERED BY esri` logo and the `USDA FSA` logo.



# Data Collection Efforts by ADD GIS Staff

- ▶ GPS Hydrants - 3,145
- ▶ GPS Valves - 11,609
- ▶ GPS Manholes - 4,399

# Services Provided by ADD Planners



ANALYZE WATER  
AND WASTEWATER  
INFRASTRUCTURE  
SYSTEM DATA



IDENTIFY WATER  
AND WASTEWATER  
INFRASTRUCTURE



WATER AND  
WASTEWATER  
PROJECT  
PRIORITIZATION



PUBLIC  
INVOLVEMENT



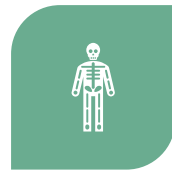
PROJECT PROFILE  
DEVELOPMENT



FUNDING  
APPLICATION  
ASSISTANCE



ENVIRONMENTAL  
SERVICES



AND MORE!



# How can you get involved?

1

Attend your 409 Water Management Council meetings

- Next BGADD 409 meeting is Friday, April 17, 2020 (tentatively) via Zoom at 9:30AM

2

Involve ADD in project planning and public meetings

3

Get on the BGADD committee email lists!

# Sanitation District Roundtable

- ▶ Bluegrass ADD facilitates many advisory committees and councils in order to serve our region. One of these councils is the 409 Water Management Council composed of local water and sewer utilities. The Council not only approves water and sewer projects but serves as a valuable resource for information and advice. Because of this, one of our goals is to bring practitioners together to discuss their experiences in creating and operating a sewer district: the practical challenges, public support and regulatory pitfalls. Sanitation districts are a growing trend across the state and BGADD believes these kinds of discussions can be beneficial if not vital.



# Natural Resources and Environmental Protection Advisory Committee

- ▶ The Bluegrass ADD and its governing board handle a wide variety of issues facing the region. For this reason, the BGADD Board depends on advisory committees to provide guidance on various decisions and to keep them informed of important events. These committees address issues that concern the environment, tourism, economic development, transportation and many more. Citizens and local government officials with interests or expertise serve on each committee.
- ▶ A wide variety of public projects, including water, sewer, and housing, carry with them potentially negative environmental effects. The purpose of the Natural Resources and Environmental Protection Committee is to promote and assist in the protection, maintenance, and development of natural resources, and to protect and enhance the region's environment. The Committee also advises the Board on issues related to water and wastewater, air quality, solid waste, land and soil, forest, agricultural, mineral and other resources. The group is directed by Community Planning.



# Lincoln Co. SD Phase 1 & 1a Sewer Expansion

- ▶ This project provided first time sewer service to the City of Hustonville and the Junction City to Moreland area.
- ▶ Eliminated 223 failing septic systems, 2 failing package plants, 101 raw sewage discharges
- ▶ Addressed a significant environmental health concern regarding high levels of human fecal coliform found in the nearby waterways.
- ▶ Collaboration between several entities:
  - ▶ BGADD
  - ▶ Lincoln County Fiscal Court
  - ▶ City of Hustonville
  - ▶ Hustonville Elementary School
  - ▶ Bluegrass Greensource
  - ▶ Kentucky River Basin
- ▶ Project has been recognized at a state and federal level.
  - ▶ Awarded the 2018 H2O Award for Outstanding Sewer Project by the Kentucky Infrastructure Authority
  - ▶ Kentucky Department for Environmental Protection awarded the Sanitation District with the 2018 Environmental Pacesetter Award for exemplary efforts to protect the environment, conserve resources and setting an example of environmental stewardship
  - ▶ Recognized nationally by the U.S. Environmental Protection Agency's 2018 Performance and Innovation in the SRF Creating Environmental Success (PISCES) program where they received an honorable mention.



# Georgetown/Scott Co. South Sewer Extension Project

- ▶ Provide first time sewer service to multiple mobile home parks that house approximately 500 mobile homes
- ▶ Will eliminate two failing package treatment plants that currently serve the parks and address significant source of pollution to Cane Run Creek
- ▶ Collaborations between multiple entities:
  - ▶ BGADD
  - ▶ Scott County
  - ▶ City of Georgetown
  - ▶ LFUCG
  - ▶ Georgetown/Scott Co. Immigrant Outreach Group
- ▶ Project required an income survey in order to determine eligibility for loan forgiveness and qualifying interest rates.
- ▶ Project area had a high immigrant population which was cause for concern about getting the necessary number of responses.
- ▶ County reached out to the local Immigrant Outreach Group which was already active in that community to assist in getting the completed surveys.
- ▶ Project succeeded in completing the income surveys and qualified for a 0.5% interest rate, \$1 million in principal forgiveness and a 30 year loan term



# Contact Us

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