

# Lake Cumberland Area Development District, Inc.

P.O. Box 1570, Russell Springs, Kentucky 42642-1570

DARRYL McGAHA  
Executive Director

JUDGE JOHN PHELPS JR.  
Chairman

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## MEMORANDUM

DATE: May 23, 2019

TO: LCADD Regional Water Management Planning Council,  
Judges, Mayors, Health Departments, KIA, and Engineers

FROM: Judge Gary Robertson, Chairman,  
Mrs. Heather Stevenson, Water/Wastewater Coordinator *thes*

SUBJECT: LCADD Regional Water Management Planning Council Meeting

The next LCADD Regional Water Management Planning Council meeting will be held Thursday, June 6, 2019. The meeting will be held at 10:00 am Central Time in the large conference room of the Area Development District office in Russell Springs, Kentucky. Your attendance is very much appreciated. Lunch will be provided after the meeting.

If you have any new or revised profiles seeking approval, please submit those as soon as possible. The deadline for profiles to be submitted for approval is June 3, 2019. Please notify me as soon as possible if you are not going to be able to meet the deadline.

If you have any questions, please contact Heather Stevenson by phone at 270-866-4200, or by e-mail at [Heather@lcadd.org](mailto:Heather@lcadd.org).



Adair • Casey • Clinton • Cumberland • Green  
McCreary • Pulaski • Russell • Taylor • Wayne

Web-Site Address - <http://lcadd.org>  
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**Lake Cumberland Regional Water Management Planning Council**

**June 6, 2019**

**AGENDA**

Welcome/Opening Remarks.....Chairman Gary Robertson  
Russell County Judge Executive

Project Profile Review & Approval.....Heather Stevenson  
Water/Wastewater Coordinator

Guest Speaker:  
Monthly Operating Reports.....Tekoyia Brown—  
MOR/ Surface Water Rule Manager  
Compliance Section,  
Drinking Water Branch

WRIS Dashboards.....Heather Stevenson  
Water/Wastewater Coordinator

Other Business.....Heather Stevenson  
Water/Wastewater Coordinator

Adjournment.....Chairman Gary Robertson  
Russell County Judge Executive



## Projects submitted for approval 06-06-2019:

### McCreary County

#### McCreary County Water District

- **New Project– SX21147009 – Economic Development Wastewater Improvements**

This project will include replacing existing sewer lines and a lift station to serve the proposed expansion of a manufacturing facility. The project will also include improvements to the WWTP. Specifically, this project will include: Replacing an existing 100 GPM lift Station with a new 400 GPM lift Station, Replacement of 2,000 LF of 4" Force Main with 5900 LF of 8" Force Main, WWTP Screenings, Grit Removal, and Influent Pumps Replacement, WWTP Equalization System, and WWTP Sludge Dewatering Improvements.

An existing manufacturing facility, Outdoor Venture Corporation, is expanding to include a new product line. This expansion is projected to create up to 350 jobs over the next 10 years. The existing sewer infrastructure is undersized to accommodate the proposed flow of the manufacturing facility's expansion. In order to serve this facility and avoid SSO's, MCWD must upgrade these facilities.

**Total Estimated Costs: \$2,224,700.**

**Project Schedule: 0-2 year start date.**

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#### McCreary County Water District

- **New Project– WX21147036—Parkers Lake, Stearns, and Prison Tank Rehabilitation**

This project will include the blasting and re-coating of 3 water storage tanks in the MCWD system:  
1. Stearns Tank, 2. Parkers Lake Tank, and 3. Prison Tank.

The project will also include the replacement of the altitude valve at the Stearns Tank. Other small structural improvements will be made as well such as re-securing safety ladders replacing vents, etc.

**Total Estimated Costs: \$819,750.**

**Project Schedule: 0-2 year start date.**

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### Pulaski County

#### City of Science Hill

- **New Project–WX21199132--KY 1247 Waterline Replacement and Eubank Emergency Connection**

This project will construct a new master meter vault and 10-inch ductile iron waterline adjacent to the existing 6-inch cast iron waterline along KY 1247 from the Somerset system to Stanford Street Storage Tank. The new waterline will be approximately 28,350 LF.

The project will include a new permanent purchase meter vault with the City of Somerset, as well as an emergency connection to the City of Eubank Water system. This will include an underground vault with magnetic flow meter, gate valves, etc.

**Total Estimated Costs: \$3,584,882.**

**Project Schedule: 0-2 years start date.**

# Kentucky Infrastructure Authority

## WRIS Funding Dashboards

The Kentucky Infrastructure Authority, pursuant to KRS 224.300, is charged with gathering information from various state and local governments regarding the issue of water resource development, and also to manage the Water Resources Information System (WRIS). The WRIS is recognized nationally as being the only database model of its kind that provides necessary information for all aspects of water resource planning, from source water to infrastructure development. The diverse geographic information system includes, but is not limited to, water resource maps, utility data, and project profiles. The WRIS also contains tools such as an asset management tab for utilities mapped within the database.

As of January 2019 the data indicates that approximately 96 percent of the population has access to public drinking water and 62 percent has access to wastewater treatment. However, the data also shows that Kentucky's infrastructure is aging. The average age of wastewater treatment plants in Kentucky is 33 years and 33.7 percent of sewer lines are over 50 years old. The averages for drinking water treatment plants is 40 years and water storage tanks is 39 years. There are over 57,000 miles of water lines mapped of which 22.5 percent are over 50 years old.

The WRIS Funding Dashboards were created as a proof of concept for using GIS technology to help present information that illustrates Kentucky's water and wastewater infrastructure funding needs over the next 20 years. Three dashboards have been created, thus far, as prototypes that will help pave the way for more engaging ways to interpret, interact, and analyze data within WRIS. These funding dashboards aggregate and display the WRIS information in a comprehensive and transparent manner using existing data sets relative to drinking water and wastewater utilities in Kentucky.

Each innovative dashboard is linked directly to Project Profiles in the WRIS Portal. When the data is revised the components are updated in real-time allowing users to view projects based on current information via three separate mediums. The function of each version is detailed below:

- **By Region** – This dashboard allows the user to filter down by Area Development District, County, Applicant, and/or Project Number. With each descending filter, all components of the dashboard update. Also included is a list of projects with basic details such as title, cost, and description, that are seeking funded. Upon filtering to a specific project, the map symbolizes the project. Graphs are designed to show the number of projects listed in the WRIS Portal by their schedule (0-2 years, 3-5 years, etc.) and the associated funding needs.
- **By Region via mobile or tablet** – This dashboard is a replica of the previous dashboard but optimized for mobile viewing on a tablet or phone.
- **WRIS Projects by Legislative Districts** – The dashboard filters the WRIS data either by House or Senate Legislative District and the District number. It allows quick access to visualize water and wastewater needs in that District. The process is similar to the previous dashboards in that all of the same information is present.

# Kentucky Infrastructure Authority

## 2019 H2O Awards

### **Purpose and Intent:**

- To recognize excellence in efficiency, regionalization, and best practices in the utilization of Kentucky Infrastructure Authority (KIA) funds from project approval to construction completion with attention to cooperation among involved parties (utility, political jurisdiction, affiliated industry, etc.)
- To reward effective strategies that leverage multiple funding sources
- To promote use of KIA low-interest loans
- To recognize the use of state-of-the-art infrastructure construction and project management practices including, but not limited to, the contribution of pertinent information to KIA's WRIS and its appropriate use as a planning tool
- To recognize projects that effectively use resources to improve services for customers
- To recognize high standards of customer service in project development

### **Who may nominate:**

- Any recipient of KIA Loan Funds A, B, C, and F that have completed construction or affiliated industry - i.e. utilities/agencies/organizations may nominate others or self-nominate (other than directly involved state agencies)
- External stakeholders - i.e. customers, political subdivisions, 501(C)3 organizations, etc.

### **Criteria to be nominated:**

- Project must have used KIA's Loan Funds A, B, C, or F
- Project construction must have been completed in-full no later than **June 14, 2019**
- Recipient must be in compliance with all KIA borrower requirements
- Loan recipient/project must be in compliance with Clean Water Act and/or Safe Drinking Water Act

### **DOCUMENTATION MUST BE SUBMITTED TO KIA BY 5:00 EST, June 14, 2019**

- Project is complete and operational
- Project used best practices for comprehensive infrastructure planning and asset management
- Project illustrates intention to use best practices in project administration and management going forward
- Project exemplifies efficient and cost-effective use of all project funds and resources

### **Award Presentation Date:**

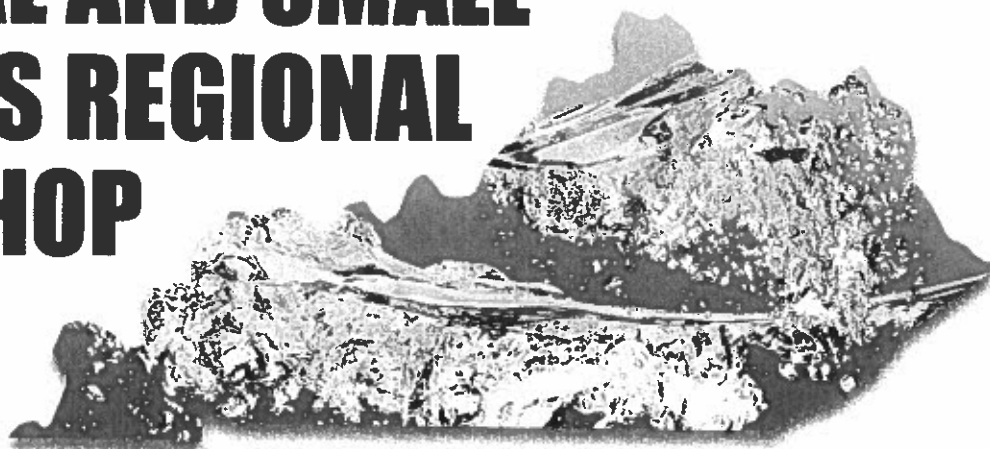
- The award recipient will be announced at the 44th annual Governor's Local Issues Conference in Louisville August 28 through 30 (<https://kydlgweb.ky.gov>)

### **Selection Process:**

- Determination of best project will be established by a committee of KIA board representatives
- Winner will be notified in advance of GLIC in Louisville

### **Nomination Form Deadline: June 14, 2019, 5:00 EST**

# SUSTAINABLE MANAGEMENT OF RURAL AND SMALL SYSTEMS REGIONAL WORKSHOP



## WHEN:

June 20, 2019


8:30 a.m. - 4:30 p.m.

## WHERE:

Somerset Community College —  
Richard Cooper Bldg, Room #100  
808 Monticello St,  
Somerset, KY 42501

## WHO:

- Water and wastewater system managers and operators
- Water and wastewater board members
- County commissioners
- Local officials

 Kentucky Water  
Resources Research  
Institute

TO REGISTER ONLINE  
FOR THIS FREE  
WORKSHOP, GO TO:

[https://forms.gle/  
R1QGktrD6616YJv8](https://forms.gle/R1QGktrD6616YJv8)

To register by phone, call  
Steven Hoagland at 859-257-  
4766.

**PRICE: FREE**

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**Lake Cumberland Area Development District  
Regional Water Management Planning Council Meeting  
Thursday, June 6, 2019 @ 10:00 a.m. CDT**

Judge Executive Gary Robertson called the meeting to order at 10:00 a.m. Central Time in the large conference room of the Lake Cumberland Area Development District in Russell Springs, Kentucky with 31 persons attending. Judge Robertson welcomed everyone then turned the meeting over to Ms. Heather Stevenson.

Ms. Stevenson explained to everyone that the Energy Environmental Cabinet Division of Water recognized 37 surface water treatment plants in Kentucky for meeting the goals of Kentucky Area Wide Optimization Program for 2018. Congratulations to Burkesville Water Works for receiving a 2018 Champion Award for Small Drinking Water Treatment Plant. Congratulations also goes out to Burkesville, Jamestown, McCreary, and Liberty for receiving a certificate for meeting the AWOP Turbidity Criteria.

Ms. Stevenson then stated that there were three project profiles submitted for approval—two for McCreary County Water District (MCWD) and one for City of Science Hill. Mr. Derrick Taylor with the MCWD presented the two new projects for McCreary County. The first project presented was SX21147009 – Economic Development Wastewater Improvements. This project will include replacing existing sewer lines and a lift station to serve the proposed expansion of a manufacturing facility. The project will also include improvements to the WWTP. Specifically, this project will include: Replacing an existing 100 GPM lift Station with a new 400 GPM lift Station, Replacement of 2,000 LF of 4” Force Main with 5,900 LF of 8” Force Main, WWTP Screenings, Grit Removal, and Influent Pumps Replacement, WWTP Equalization System, and WWTP Sludge Dewatering Improvements. An existing manufacturing facility, Outdoor Venture Corporation, is expanding to include a new product line. This expansion is projected to create up to 350 jobs over the next 10 years. The existing sewer infrastructure is undersized to accommodate the proposed flow of the manufacturing facility’s expansion. In order to serve this facility and avoid SSO’s, MCWD must upgrade these facilities. Total Estimated Cost: \$2,224,700. Project Schedule: 0-2 year start date. Judge Frank made a motion to accept the project approval. Seconded by Judge Dial. All In Favor. Motion Carried.

The second project submitted for MCWD is WX21147036 – Parkers Lake, Stearns, and Prison Tank Rehabilitation. This project will include the blasting and re-coating of 3 water storage tanks in the MCWD system: 1. Stearns Tan, 2. Parkers Lake Tank, and 3. Prison Tank. The project will also include the replacement of the altitude valve at the Stearns Tank. Other small structural improvements will be made as well such as re-securing safety ladders, replacing vents,

etc. Total Estimated Cost: \$819,750. Project Schedule: 0-2 years start date. Mr. Josh Pedigo with Green-Taylor Water District made a motion to accept the project approval. Seconded by Judge Phelps. All In Favor. Motion Carried.

The City of Science Hill in Pulaski County had one project submitted for approval. Mr. Alex Godsey, of Eclipse Engineers, presented this project: WX21199132-KY1247 Waterline Replacement and Eubank Emergency Connection. This project will construct a new master meter vault and 10-inch ductile iron waterline adjacent to the existing 6-inch cast iron waterline along KY1247 from the Somerset system to Stanford Street Storage Tank. The new waterline will be approximately 28,350 LF. The project will include a new permanent purchase meter vault with the City of Somerset, as well as an emergency connection to the City of Eubank Water System. This will include an underground vault with magnetic flow meter, gate valves, etc. Total Estimated Costs: \$3,584,882. Project Schedule: 0-2 years start date. Mayor Lawson made a motion to accept the project approval. Seconded by Judge Kelley. All In Favor. Motion Carried.

Ms. Stevenson introduced Ms. Tekoyia Brown, MOR/Surface Water Rule Manager with the Drinking Water Branch. Ms. Brown gave a very informative presentation on Monthly Operating Reports (MOR). Ms. Brown went on to explain that a correctly completed MOR should include such things as the volume of water that was treated for each month, the type and amount of chemical that is used, sample test results, and a signature by the owner of the system or the authorized agent along with the date. Ms. Brown went over MOR forms with step-by-step instructions.

After Ms. Brown's presentation, Judge Robertson turned the meeting back over to Ms. Stevenson, who gave a very informative presentation on the KIA WRIS Dashboards. You can access more information from the LCADD Website, or by going directly to the KIA Home Page, then clicking on the WRIS Portal page.

In Other Business, Ms. Stevenson mentioned that the DRAFT 2020 Clean Water has been released. The Drinking Water has not been released yet. Also the 2019 H2O award nominations are on the KIA website with the deadline being June 14, 2019.

There will also be a Sustainable Management of Rural and Small Systems Regional Workshop at Somerset Community College. The training is offered at no cost to attendees. Lunch and Continuing Education Credits will be provided.

Judge Robertson thanked everyone for coming. With there being no further business, Judge Dial made a motion to adjourn the meeting at 11:00 a.m. Seconded by Judge Frank. All In Favor. Motion Carried.



Those attending the June 6, 2019 meeting of the LCADD Water Management Council:

1. Lyle Pierce, Mayor—City of Albany
2. Terry Russell, City of Russell Springs
3. Allen Moody, City of Russell Springs
4. Dale Anderson, City of Jamestown
5. Tony Claunch, City of Somerset
6. Dana Whitis, City of Somerset
7. Josh Pedigo, Green-Taylor Water District
8. Joe Uliasz, KY Division of Water
9. Tekoyia Brown, KY Division of Water
10. Alex Godsey, Eclipse Engineers
11. Richard Troxell, City of Burnside
12. Robert Lawson, Mayor—City of Burnside
13. John Frank, CJE—Green County
14. Dylan Wright, Burkesville Water
15. Nick Hazel, LCADD
16. Melissa Melton, RCAP
17. Chari Bennett, LCADD
18. Neal Cundiff, LCADD
19. Tucker Baker, Cannon & Cannon
20. Judy Keltner, LCADD
21. Eddie Brown, Kenvirons, Inc.
22. Millie Ramsey, Cambpbellsville Sewer & Water
23. Derrick Taylor, McCreary County Water District
24. Brendan Welch, Kenvirons, Inc.
25. Steve Kelley, CJE—Pulaski County
26. John Phelps, CJE—Cumberland County
27. Gary D. Robertson, CJE—Russell County
28. Randy Dial, CJE—Casey County
29. Judy Hachey, LCADD
30. Heather Stevenson, LCADD
31. Ronda Abrell, LCADD

LCADD Regional Water Management Planning Council

June 6, 2019

PLEASE PRINT CLEARLY

Name	Representing	E-Mail Address
Tylee D. [Signature]	Allegheny City	Zsst.Pierce@photokid.com
Tery Russell	City Russell Springs	
All [Signature]	City Russell Springs	
Dale Anderson	City of Jamestown	
Tony Clavette	City of Somerset	
Dimitrios [Signature]	City of Somers	
Tara Pediso	ATUD	
Joe Aliasz	KY DOW	joseph.aliasz@ky.gov
Takyia Brown	KY DOW	tkoyia.brown@ky.gov
Alex Godsey	Eclipse Engineers	agodsey@aol.com
Richard Trowell	City of Brownsides	
Robert Lyndon [Signature]	City of Lawrence	rlyndon@lawrencecitygovernment.com
John Frank	Green Co.	
Dylan Wright	Burkesville Water Dept	
Diane Hazel	LCADD	

LCADD Regional Water Management Planning Council

June 6, 2019

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Name	Representing	E-Mail Address
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Chari Bennett	LCADD	chari@lcadd.org
NexL CURDIFF	LCADD	
Tucker Baker	Canon & Cannon	tbaker@canon-cannon.com
Judy Keltner	LEADD	judy@lcadd.org
Eddie Brown	KENNIRONS, INC.	ebrown@kenvirons.com
Millie Ramsey	C-ville water & sewer	millie.ramsey@campbellsale.us
Dorise Taylor	McCreary Co. Meter	d.taylor@mccrearymeter.com
Brenda Neld	Kenvirons, Inc.	bneld@kenvirons.com
Steve Kelley	PCFC	St Kelley@pcgout.com
John Phelps	Cumberland County	ccjpc@duo-county.com
Tony D. Roberts	Russell	rcfisc@duo-county.com
Randy Dial	Cagg	Randy.dial@windstream.net
Judy Hechey	LCADD	
Heather Stevenson	LCADD	

LCADD Regional Water Management Planning Council

June 6, 2019

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Name	Representing	E-Mail Address
31 Ronda Abell	LCADD	
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