

MINUTES

KENTUCKIANA REGIONAL PLANNING AND DEVELOPMENT AGENCY (KIPDA)

REGIONAL WATER MANAGEMENT COUNCIL

**KIPDA Burke Room
11520 Commonwealth Drive
Louisville KY 40299**

**PARTICIPATION ALSO AVAILABLE THROUGH ZOOM
AND STREAMED ON THE AGENCY'S YOUTUBE PAGE**

January 11, 2022

The Regional Water Management Council of the Kentuckiana Regional Planning Development Agency met at 1:30 p.m. on January 11, 2022, in person and on Zoom. Members in attendance were:

Russ Rose, Chairman, Oldham County Water District, Oldham County, Kentucky
Scot Treece, LaGrange Utilities Commission, Oldham County, Kentucky
Jim Silliman, County Engineer, Oldham County, Kentucky
Keith Griffee, County Finance Officer, Bullitt County, Kentucky
Paul Brannon, Mt. Washington Water & Sewer, Bullitt County, Kentucky
Arthur Jones, Engineer for City of Shepherdsville, Bullitt County, Kentucky
Scott Fleming, Collections Supervisor, City of Shepherdsville, Bullitt County, Kentucky
Honorable Larry Dangerfield, Mayor of Lebanon Junction, Bullitt County, Kentucky
Jordan Basham, Louisville Water Company, Jefferson County, Kentucky
Jeremy Raney, Louisville Water Company, Jefferson County, Kentucky
Stephanie Laughlin, Louisville Metro Sewer District, Jefferson County, Kentucky
Wesley Sydnor, Louisville Metro Sewer District, Jefferson County, Kentucky
Tom Doyle, Shelbyville Municipal Water & Sewer Commission, Shelby County, Kentucky
Pete Hedges, North Shelby Water Co., & U.S. 60 Water District, Shelby County, Kentucky
Jody Bramblett, New Castle Water & Sewer, Henry County, Kentucky
Neil Martindale, Trimble County Water District, Trimble County, Kentucky
Terry Roach, Carrollton Utilities, Henry & Trimble Counties, Kentucky

OTHERS IN ATTENDANCE

REPRESENTING

Jarrett Haley	KIPDA
Justin Carter	KIPDA
Danielle Story	KIPDA
Rachael Miller	KIPDA
Hayden Kandul	KIPDA
Zach Herzog	KIPDA
Arianna Lageman	KRWA
Jory Becker	KDOW
Don Schierer	KIA
Lori Wyatt	Jacobi, Toombs, & Lanz, Inc.
Paul Maron	Strand Associates
Becca Trueman	Currys Fork Watershed
Mayor Curtis Hockenbury	City of Shepherdsville
Judge John Riley	Spencer County
Matt Curtis	Bluegrass Engineers
Nicole Koeninger	Louisville MSD
Robert Bates	GRW
Shenne Stone	GRW
Jim Hoskins	City of Bedford
Mary Austin	Clark Dietz Engineers
Rodney Young	City of Pleasureville

CALL TO ORDER

Chairman Rose called the meeting to order at 1:33 p.m.

ROLL CALL

Ms. Miller called roll. There was a quorum.

MINUTES FROM OCTOBER 12, 2021

Mr. Treece moved to approve the minutes from the October 12, 2021, Regional Water Management Council Meeting. Mr. Basham seconded. Motion carried unanimously on a voice vote.

KRWA UPDATE

Ms. Lageman gave a presentation on EPA classifications for PFAS contaminants, cybersecurity, and lead and copper rule revisions for drinking water. Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) are durable chemicals with insulating properties that are oil, water, temperature, chemical, and fire resistant. These chemicals are used in a wide variety of manufacturing applications such as fire fighting foam, carpet protectant, non-stick cookware, waterproof fabrics, surgical gowns, cell phones, commercial aircraft, low-emission vehicles, some makeup, sunscreen, shampoos, shaving creams, and food packaging.

The Environmental Protection Agency (EPA) published the fifth Unregulated Contaminant Monitoring Rule (UCMR 5) on December 27, 2021. UCMR 5 requires sample collection for 30 chemical contaminants between 2023 and 2025 using analytical methods developed by the EPA and consensus organizations. This will provide the EOA and other interested parties with scientifically valid data on the national occurrence of these contaminants in drinking water. UCMR 5 will provide new data that is critically needed to improve the understanding of the frequency that PFAS are found in the nation's drinking water systems and at what levels. This data will ensure science-based decision-making and help prioritize protection of disadvantaged communities.

Any system that serves a population greater than 3,300 is automatically required to participate in UCMR 5. Smaller water systems may have to participate, and the EPA will decide this based on population size and water source. As long as federal funding is available, the EPA will cover the cost for systems that serve a population less than 10,000.

The National Rural Water Association (NRWA) filed a class action lawsuit against 3M, Tyco Fire Products, National Foam, Buckeye Fire Protection, Chemguard, DuPont, and Chemours over the presence of PFAS in drinking water systems. The suit alleges that these companies "manufactured, marketed, and sold their aqueous film forming foam (AFFF) products for decades despite knowing the significant threat they posed to the environment and human health".

Consumer Confidence Reports (CCR) are being updated to improve communication with customers. Community water systems (CWS) serving a population greater than 10,000 persons will be required to issue a CCR twice per year. A workgroup is making recommendations to the National Drinking Water Advisory Council regarding

proposed revisions to the CCR rule that is required under the America's Water Infrastructure Act (AWIA) of 2018. This workgroup will assist the Council in providing advice and recommendations to the EPA.

The EPA's Lead and Copper Rule Revisions (LCRR) were published and finalized on December 17, 2021. These rules will go into effect to support near-term development of actions to reduce lead in drinking water, with the caveat that there will be a Lead and Copper Rule Improvements (LCRI) drafted and finalized prior to the LCRR compliance deadline of October 16, 2024. All public water systems must inventory their lines for lead, galvanized, and other pipe material by October 16, 2024. The LCRI aim to clarify compliance tap sampling, action versus trigger levels, requirement to replace all lead service lines. It will also prioritize historically disadvantaged and underserved communities.

The Biden-Harris Lead Pipe and Paint Action Plan aims to remove all lead pipe from water system lines in the next decade. It earmarks funding for lead line, faucet, and fixture replacement through the Build Back Better (BBB) and American Rescue Plan Act (ARPA). Kentucky is projected to receive a total of \$112,643,000.00 for this plan.

The United States has floated draft legislation to give the EPA new regulatory authority for cybersecurity risk assessments, cybersecurity risk reduction plans, schedules of adoption countermeasures, reviews of current risk and resilience assessments, emergency response plans, etc.

NEW WATER & SEWER PROJECTS TO APPROVE

WX21029299 – W. Blue Lick Road Area MRRP

- Applicant: Louisville Water Company
- Total Project Cost: \$1,792,260.00
- This project will replace 7,200 feet of aging water main to improve customer service by reducing service disruptions due to main breaks. In recent years, the area addressed by this project has experienced 9 main breaks. This project will improve reliability in northern Bullitt County.
- Main breaks can cause disruptions to customer water service, traffic impacts, and safety concerns. This project will promote public health and safety by replacing break-prone, aging water mains with new water main that is much less likely to fail. As a result of this project, customers in the area will have more reliable water service.

WX21029300 – Hardin County Water District #2 Improvements – Clermont Tank to Belmont Booster Pump Station

- Applicant: Louisville Water Company
- Total Project Cost: \$7,507,000.00
- This project will install approximately 12,300 linear feet of 30” Ductile Iron Water Main from the Clermont Tank to the Belmont booster Pump Station (BPS).
- The southern portion of Louisville Water’s service area is experiencing significant growth driven by major economic development projects, such as the Ford SK Battery Plant in Glendale, Kentucky. Louisville Water’s I-65 Transmission Corridor supplies wholesale customers Hardin County Water District No. 2, Lebanon Junction, and North Nelson Water District, as well as Louisville Water’s retail service area in Bullitt County.

WX21029301 – Hardin County Water District #2 Improvements – Salt River BPS to Chapeze BPS

- Applicant: Louisville Water Company
- Total Project Cost: \$16,723,840.00
- This project will install approximately 17,000 linear feet of 36” Ductile Iron Water Main from the Salt River BPS to Chapeze Lane BPS.
- The southern portion of Louisville Water’s service area is experiencing significant growth driven by major economic development projects, such as the Ford SK Battery Plant in Glendale, Kentucky. Louisville Water’s I-65 Transmission Corridor supplies wholesale customers Hardin County Water District No. 2, Lebanon Junction, and North Nelson Water District, as well as Louisville Water’s retail service area in Bullitt County.

WX21111200 – Beechland Avenue Area MRRP

- Applicant: Louisville Water Company
- Total Project Cost: \$2,921,160.00
- This project will replace 8,190 feet of aging water main to improve customer service by reducing service disruptions due to main breaks.

- In recent years, the area addressed by this project has experienced 18 main breaks. This project will improve reliability in the southwestern Jefferson County service area.

WX21111201 – Derby Avenue Area MRRP

- Applicant: Louisville Water Company
- Total Project Cost: \$3,437,120.00
- This project will replace 9,000 feet of aging water main to improve customer service by reducing service disruptions due to main breaks.
- In recent years, the area addressed by this project has experienced 12 main breaks. This project will improve reliability in the southern Jefferson County service area.

WX21111202 – Kentucky, Glenmary & Oak Street 48-Inch Rehabilitation Phase II

- Applicant: Louisville Water Company
- Total Project Cost: \$5,375,000.00
- This main was installed in the 1890s and is composed of cast iron pipe with leadite joints.
- In recent years, Louisville Water has experienced a failure of this main and as a result, the company has initiated a project to rehabilitate this main in a phased approach.
- Phase II will begin at S. Brook Street at W. Oak Street heading northeast and terminating on E. Kentucky Street at the Beargrass Creek crossing.
- Rehabilitation of the existing 48-inch cast iron pipe (7,450 linear feet) will be done by slip lining and open trench installation methods. The new pipeline installation includes slip lining 6,950+/- linear feet of 42-inch OD welded steel pipe and open cut 500+/- linear feet of 42-inch OD welded steel pipe and appurtenances.

WX21111203 – Crescent Hill Water Treatment Plant – Redundant Sludge Conveyance System

- Applicant: Louisville Water Company
- Total Project Cost: \$20,500,000.00
- This project will construct a new sludge conveyance system to the BE Payne Water Treatment Plant Lagoons from the Crescent Hill Water Treatment Plant.

- This system will include a force main, pump station, and onsite storage improvements to address increased sludge production and to provide redundancy for the existing 24” sludge main.
- Construction of a new, redundant sludge main is critical to both maintain the existing sludge main and have a backup in the event that the existing main fails.

WX21111204 – Private Lead Service Line Replacement (Galvanized) – Economically Disadvantaged Area

- Applicant: Louisville Water Company
- Total Project Cost: \$1,931,800.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company’s Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company’s distribution system.
- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 690 private galvanized service lines in economically disadvantaged areas.

WX21111205 – Private Lead Service Line Replacement (Galvanized)

- Applicant: Louisville Water Company
- Total Project Cost: \$3,791,200.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company’s Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company’s distribution system.
- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 1,354 private galvanized service lines.

WX2111206 – Private Lead Service Line Replacement (Known Lead) – Economically Disadvantaged Areas

- Applicant: Louisville Water Company
- Total Project Cost: \$11,196,000.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company's Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company's distribution system.
- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 2,660 private lead service lines in economically disadvantaged areas.

WX21111207 – Private Lead Service Line Replacement (Known Lead)

- Applicant: Louisville Water Company
- Total Project Cost: \$73,295,971.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company's Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company's distribution system.
- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 16,276 private lead service lines.

WX21111208 – Private Lead Service Line Replacement (Lead Status Unknown) – Economically Disadvantaged Areas

- Applicant: Louisville Water Company
- Total Project Cost: \$12,438,153.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company's Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company's distribution system.

- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 24,821 private lead service lines of unknown material in economically disadvantaged areas.

WX21111209 – Private Lead Service Line Replacement (Lead Status Unknown)

- Applicant: Louisville Water Company
- Total Project Cost: \$87,783,279.00
- The Louisville Water Company has proactively addressed public lead service lines throughout its service area. However, the Lead and Copper Rule Revision (LCCR) has shifted the focus of Louisville Water Company’s Lead Program to the private side of the meter.
- This project will address all known and expected galvanized service lines in Louisville Water Company’s distribution system.
- The scope of this project includes necessary outreach, labor, sampling, field investigation, and service line replacement costs to replace approximately 175,177 private lead service lines of unknown material.

SX21029043 – Bullitt Hills WWTP, Hillview #1 WWTP, Hillview #2 WWTP, & 3 Pump Station Eliminations

- Applicant: Louisville MSD
- Total Project Cost: \$11,200,000.00
- This project will eliminate three aging and problematic wastewater treatment plants and associated pump stations.
- By building one centralized pump station to direct flow to a WWTP capable of handling the flow, the system will be more reliable.
- By constructing one centralized pump station to direct flow to a WWTP capable of handling the flow, the system will be more reliable and efficient.

SX21111027 – Lynnview Stormwater System Rehabilitation Project

- Applicant: Louisville MSD

- Total Project Cost: \$665,000.00
- The existing stormwater system within the City of Lynnview is more than 70 years old and was constructed using clay pipe, which is prone to failure over time. There are more than 100 documented cave-ins over the storm pipes throughout the City of Lynnview since 1994 and television inspection of these pipes have documented segments already entering a failure mode.
- The City of Lynnview has almost four miles of stormwater pipe that is owned and operated by Louisville and Jefferson County MSD. This project will address the failing stormwater system including the pipe system as well as 23 catch basins in the area.
- The area's targeted for rehabilitation are along Swallow Road, Blue Bird Avenue, Kingfisher Way, and Raven Road.

SX21211023 – Project Stonewall

- Applicant: Shelbyville Municipal Sewer
- Total Project Cost: \$1,952,500.00
- This project will allow for the development of a new distillery that will be connected to the City of Shelbyville Sewer System rather than creating a lagoon system.
- This project will install 7,500 feet of 12-inch Sanitary Sewer Main to serve the unserved area along Clear Creek for economic development.

Mr. Doyle moved to approve the above water and sewer projects. Judge Summers seconded. Motion carried unanimously on a voice vote.

KIPDA REGION MAPPING UPDATE

Mr. Herzog, KIPDA GIS Specialist, stated that he and Mr. Carter are currently in the middle of conducting system visits, so systems should be prepared for that. System visits should not need to be rescheduled as long as the KIPDA region does not receive any snow. Visits have been completed at Lebanon Junction and Shepherdsville, and they went very smoothly. The rest of the systems should expect their visits to likely take place within the next month.

Mr. Herzog stated that the systems have done a really good job providing good mapping data for the recent projects that have been submitted, which makes his job very easy.

WATER MANAGEMENT COORDINATOR'S REPORT

Mr. Carter stated that this fiscal year has been very busy so far. There will be a Zoom meeting on January 20, 2022, at 9:30 a.m. with the Kentucky Infrastructure Authority (KIA) to try to get some more information and guidance on the Cleaner Water Grants projects in the KIPDA region that were submitted this past fall. Most of the submitted projects from the KIPDA region were awarded the grant funding that they applied for. There are just a few kinks left to iron out, such as the level of review that will be required of the projects. This meeting should give the KIPDA Community and Economic Development (CED) division staff a better understanding of the grants and what to expect from the process.

KIPDA CED division staff is also working with the Kentucky Division of Water (KDOW) on State Revolving Fund (SRF) loan projects. There were thirty-two projects from the KIPDA region that were submitted for SRF loan consideration for FY 2023, which is a record number of project submissions. These projects will be included in the KIA Intended Use Plan (IUP), and it should be released by May or June of this year. Mr. Carter reminded the Council members that KIPDA CED division staff would like to receive the mapping information for submitted projects a little sooner this year to accommodate for the project submission deadline. There will likely be a deadline of a December 1st for mapping information next year.

As Mr. Herzog stated, all the 2022 system visits have been scheduled, and those visits started yesterday. To make the process go more smoothly, Mr. Carter stated that he will email the questions a week or two in advance of the system visits so he can collect the answers necessary for the system data updates.

COUNTY UPDATES

None

OTHER BUSINESS

Mr. Carter stated that the next Regional Water Management Council meeting will be held on Tuesday, April 12, 2022, at 1:30pm in the KIPDA Burke Conference Room and via Zoom.

ADJOURNMENT

Mr. Treece moved that the meeting be adjourned. Mr. Basham seconded. Motion carried unanimously on a voice vote.