

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

April 11, 2023

The Regional Water Management Council of the Kentuckiana Regional Planning Development Agency met at 1:30 p.m. on April 11, 2023, in person and via 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 Griffiee, County Finance Officer, 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
Honorable Scott Bates, Henry County Judge Executive, Henry 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
Nicole Refolo, Louisville Metro Sewer District, Jefferson County, Kentucky
Wesley Sydnor, Louisville Metro Sewer District, Jefferson 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

OTHERS IN ATTENDANCE

Jarrett Haley
Justin Carter
Felicia Harper
Ryan Lloyd
Rachael Miller
Greg Burress
Jennifer Wilson
Dustin Duncan
Ryan Lloyd
Annemarie Sacra
Debbie Landrum
Don Schierer
Robert Bates
Arianna Lageman
Reed Matthews
Kyle Lasley
Trevor Whitlock
Holly Nicholas
Paul Maron
Pat Hargadon
Teena Halbig
Steve Eden
Kevin Gibson
Judge Scott Travis
Diana Arnold

REPRESENTING

KIPDA
KIPDA
KIPDA
KIPDA
KIPDA
KIPDA
KIPDA
KIPDA
KIPDA
KIA
KIA
GRW
KRWA
Mueller
Core & Main
Core & Main
KY Engineering
Strand Associates
U.S. 60 Water District
Floyds Fork Conservancy
West Shelby Water District
Louisville MSD
Spencer County
Trimble County

CALL TO ORDER

Chairman Rose called the meeting to order at 1:35 p.m.

ROLL CALL

Ms. Miller called roll. There was a quorum.

MINUTES FROM JANUARY 10, 2023

Mr. Raney moved to approve the minutes from the January 10, 2023 Regional Water Management Council Meeting. Mr. Treece seconded. Motion carried unanimously on a voice vote.

PFAS & CCR REQUIREMENTS UPDATE

Ms. Lageman, Compliance Specialist with the Kentucky Rural Water Association (KRWA) gave an update on PFAS and CCR requirements. These Safe Drinking Water Act (SDWA) rules are newly proposed and will change before they are finalized. KRWA is still seeking clarification on the interpretation of these rules.

Perfluoroalkyl and Polyfluoroalkyl (PFAS) are durable chemicals that have been created to be resistant to oil, water, temperature, chemicals, and fire. These chemicals contain insulating properties that help protect surfaces from damage and degradation. PFAS uses include a fire fighting foam, carpet stain protectant, non-stick cookware, waterproof clothing, surgical gowns, cell phones, commercial aircraft, low-emission vehicles, food packaging, some types of makeup, and a wide variety of manufacturing applications.

The proposed rules and requirements are as follows:

Compounds	Proposed Maximum Contaminant Levels
PFOS	4 parts per trillion (4.0 ng/L)
PFOA	4 parts per trillion (4.0 ng/L)
PFHxS	Hazard Index = 1.0 (unitless)*
GenX Chemicals	
PFNA	
PFBS	

Compound	Practical Quantitation Level (ppt)
PFOS	4.0
PFOA	4.0
PFHxS	3.0

GenX Chemicals	5.0
PFNA	4.0
PFBS	3.0

The newly proposed rules will include monitoring frequency that is similar to the Synthetic Organic Chemical (SOC) monitoring framework, and all community water systems (CWSs) who produce water must monitor their PFAS chemical levels. The initial monitoring PFAS chemical levels must be SW 4Q, GW under 10k 2Q, and GW over 10k 4Q. Compliance is based on a running annual average just like Stage 2 Disinfection and Disinfection Byproducts (DBP) calculations.

The proposed rules for monitoring frequency include reduced monitoring. Systems serving fewer than 3,300 must be conducted monitoring once in a 3-year period and twice in one year during the 3-year period for systems serving greater than 3,300. Quarterly monitoring is triggered when exceeding 1/3 of the Maximum Contaminant Level (MCL), which is 1.3ppt for PFOA and PFOS and 0.33 HI ratio.

The financial impact of PFAS regulation will be substantial. Monitoring costs will be roughly \$1,000 per sample for UCMR5 PFAS on Kentucky Pollutant Discharge Elimination System (KPDES). Approximately 30-32% of treatment plants in Kentucky will potentially need to implement modifications including solids disposal, Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) litigation and clean up, and communication with customers.

Treatment technologies are available to effectively remove PFAS chemicals from water include granular activated carbon, powdered activated carbon, ion exchange resins, and nanofiltration and reverse osmosis.

The National Rural Water Association (NRWA) filed a cost recovery lawsuit against 3M, Tyco Fire Products, National Foam, Buckeye Fire Protection, Chemguard, DuPont, and Chemours. The suit alleges that these companies manufactured, markets, and sold their aqueous film forming foam (AFFF) products for decades despite knowing the significant threat they posed to the environment and human health.

These new rules and regulations should be finalized by year end 2023, and then there will be 3 years to comply from the date it is published in final form in the Federal Register.

CORE & MAIN WATER & SEWER PRODUCTS & SOLUTIONS

Mr. Whitlock stated that Core & Main works to build innovative water wastewater, energy and fire protection solutions for its customers and the communities it serves.

Core & Main is a leading specialized distributor of water, wastewater, and storm drainage and fire protection products, and related services. These products are integral to building, repairing, and maintaining water and wastewater systems and serve as basic municipal infrastructure required to support population and economic growth, including residential and commercial construction.

Core & Main offers a full array of capabilities to serve its customers including castings, drainage products, fittings, meters, irrigation products, pipe, pumps and parts, rental equipment, valves and hydrants, tools, service materials, and many more.

NEW WATER & WASTEWATER PROJECTS TO APPROVE

Mr. Carter requested Council approval for the following new water and wastewater projects.

WX2111210 – Clearview Farm Lane Water Main Extension

- Applicant: Louisville Water Company
- Estimated Total Project Cost: \$1,029,910
- Project includes the installation of 4,470 linear feet of 8” PVC water main along Clearview Farm Lane, James David Way, and Dench Drive in Bullitt County.
- Louisville Water provides retail service to a portion of Bullitt County. Some areas in Louisville Water’s Bullitt County retail service area are underserved or do not have water service available.
- This project will extend water service to an unserved portion of Bullitt County.

SX21111036 – California Neighborhood Odor Control Improvements

- Applicant: Louisville MSD
- Estimated Total Project Cost: \$480,000
- Project will install and rehabilitate catch basin traps in West Louisville where odors can be prevalent during the summer months.
- Project will prevent odor-causing hydrogen sulfide gases from escaping the sewers. Aging infrastructure, utility coordination, and right-of-way improvements will also be implemented.
- Project will reduce the occurrence of unpleasant odors and enhance the environment, educational, health, and economic outcomes to advance the West Louisville area.

Mr. Treece moved to approve the water and wastewater projects. Mr. Silliman seconded. Motion carried unanimously on a voice vote.

WATER MANAGEMENT COORDINATOR’S REPORT

Mr. Carter stated that he and Mr. Lloyd are working hard and has made a lot of progress on several projects for the Cleaner Water Grants program, and five projects are currently well underway in the application process. Round three Cleaner Water Grants funding opportunities will soon be available. Mr. Carter stated that KIPDA Community and Economic Development (CED) Division staff are here to help and will soon be conducting the County Water Management Council meetings to prioritize these projects.

KIPDA CED staff heard back from the Kentucky Division of Water (KDOW) regarding State Revolving Fund (SRF) loan project applications that were submitted last September and answered all the necessary project questions.

Mr. Carter and Ms. Sacra have recently conducted most of the region’s system visits to collect system data information and asset inventory data collected and will finish the remaining system visits by the end of next month.

COUNTY UPDATES

None.

OTHER BUSINESS

Mr. Carter stated that the next Regional Water Management Council meeting will be held on Tuesday, July 11, 2023 at 1:30pm in the KIPDA Burke Conference Room and via Zoom.

ADJOURNMENT

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