

Kentucky Rural Water Association



Helping Utilities ... Help Themselves

KY Farm Bureau Water Management Working Group

Rural Water Issues - Update

Kentucky Rural Water Association
Gary Larimore, Executive Director
March 24, 2021



Kentucky Rural Water Association



Helping Utilities ... Help Themselves

Founded in 1979

550 Members

~ 350 Utility Members

~ 200 Associate Members

Training

Technical Assistance

Advocacy

KRWA Staff

Executive Director

Gary Larimore

Assistant Director

Andy Lange

Administrative/Finance

Pamela Byrd

Donna Meador

Bobbie Shanahan

Information Technology

Bryan Burns

GIS Technology

Dustin Horn

Education Services

Randall Kelley

Janet Cole

Drinking Water Programs

Arianna Lageman

Clem Wethington

Danny Stinson

Dell Harris

Joe Burns

Todd Ritter

Tim Blanton

Nathan Gassaway

Heather Stevenson

Cody Kirby

Wastewater Program

Steve Capps

Energy Program

Jason Pennell

Source Water Program

Matt Glass

KRWA Training Summary

Since 1979, KRWA has trained more than **84,000** people at our two-day trainings, conferences and other training opportunities.

KRWA Training Summary

Total Attendees FY 2020..... 5,511

Certification hours offered..... 479 W / 290 WW

Certification hours earned..... 19,257

Drinking Water..... 15,261 (Online: 1,537)

Wastewater..... 3,996 (Online: 132)

PSC hours earned..... 718

UMP Designations conferred..... 13

Total Training Hours Earned..... 19,975

Number of training days..... 71



Program Accomplishments:







- **697 students**
- **Conducted over 115 classes since 1999**
- **Over 185 utilities**
- **463 UMP / Graduates**

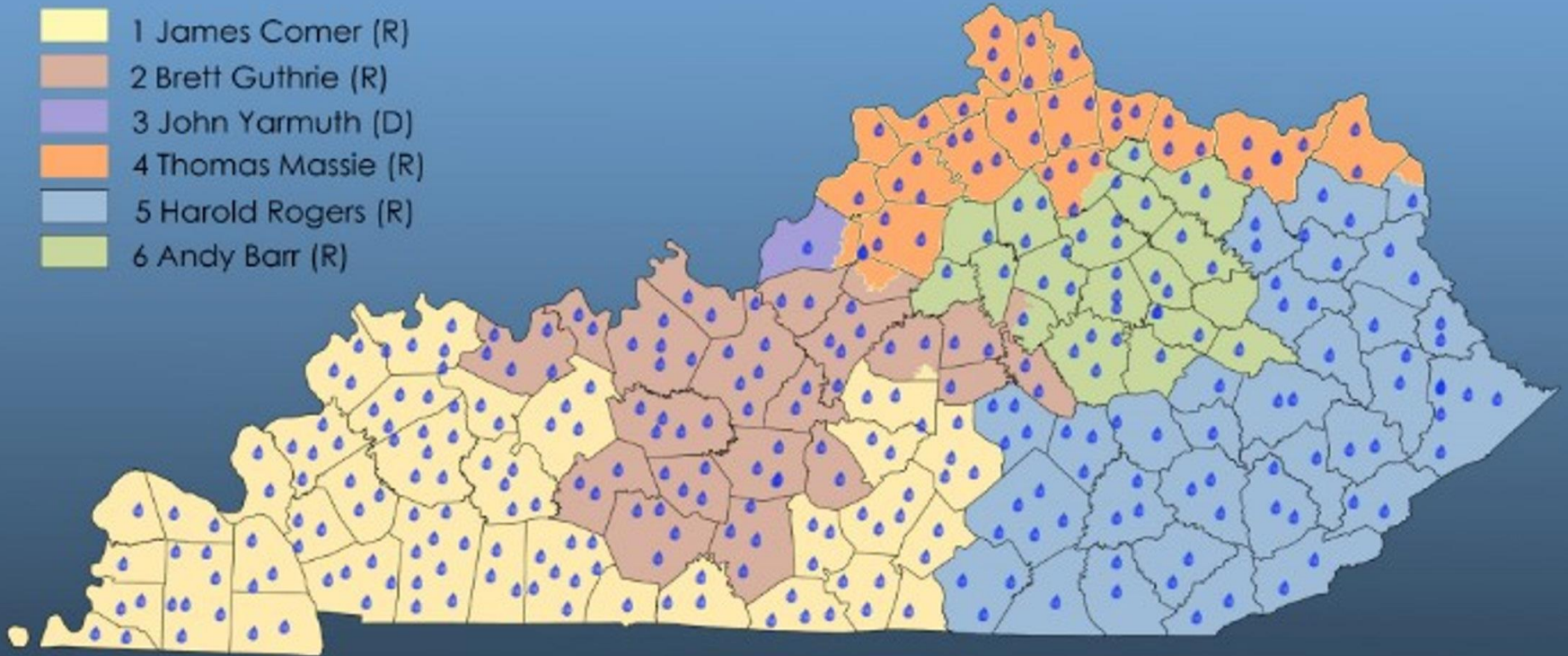
UMP - Utility Management Professional

KRWA Technical Assistance

Over **79,500** on-site technical assistance visits have been made by KRWA program personnel since 1979

2020 Technical Assistance

-  1 James Comer (R)
-  2 Brett Guthrie (R)
-  3 John Yarmuth (D)
-  4 Thomas Massie (R)
-  5 Harold Rogers (R)
-  6 Andy Barr (R)



Kentucky Rural Water Association

Total Time On-Site:	5,290 Hours
Total Number of Utility Visits:	1,651 Visits

KRWA Technical Assistance

	On-Site Hours	System Visits	Contacts	Hrs/Visit	Hrs/Contact
Circuit Rider #1	952	197	468	4.8	2.0
Circuit Rider #2	655	223	440	2.9	1.5
Circuit Rider #3	622	173	401	3.6	1.6
Circuit Riders	2,229	593	1,309	3.8	1.7
Wastewater Technician	692	310	443	2.2	1.6
Energy Efficiency	560	186	-	3.0	-
DOW Technical Assistance	173	64	-	2.7	-
ARC Circuit Rider	1,037	191	-	5.4	-
ARC Loan Assistance	120	93	-	1.3	-
Source Water	283	89	-	3.2	-
Compliance Check	89	76	-	1.2	-
Training Specialist	107	49	-	2.2	-
Grand Total	5,290	1,651	1,752	3.2	1.7

KRWA Water and Wastewater Services

- **Mapping – GIS**
- **Manhole Inspection**
- **Smoke Testing**
- **Flow Monitoring**
- **Pipeline Video Inspection**
- **Groundwater / Sourcewater Protection Plans**
- **Operation & Maintenance Manuals**
- **Rate Studies**
- **Website Development and Hosting**
- **Leak detection, valve exercising & flushing plans**

KRWA Apprenticeship Program

- **Received KY Registered Program Approval - April 2019**
- **First Apprentice Enrolled - September 2019**
- **Full-time Workforce Development Coordinator Hired November 2019**
- **To-Date:**
 - **42 Apprentice Applicants**
 - **17 Registered Apprentices**
 - **12 Registered Employers**
 - **Nearly 26,000 OJT hours Logged**
 - **1300 RTI (classroom) hours Logged**

KRWA Apprenticeship Program

Outreach & Recruitment Efforts

- **Utilities**
- **Water Management Planning Councils**
- **Area Development Districts**
- **Local Workforce Development Boards**
- **Chambers of Commerce**
- **High Schools/ Area Technology Centers/ FFA**
- **Tech Ready Apprentices for Careers in Kentucky (TRACK)—Pre-Apprenticeship Program**
- **Veterans Affairs (VA)**
- **Division of Compliance Assistance**

KRWA Apprenticeship Program

Looking Ahead.....

- **Keep an Eye Out for Our Promotional Videos!**
- **Utility Management Institute Series Will Kick Off Soon**
- **Seek Additional Funding To Support Apprenticeship, Pre-Apprenticeship, & Paid Co-Op Opportunities**
- **RECRUITMENT—of Employers and Apprentices**
- **More Hands-On, Tactile Learning Opportunities for Apprentices**

We Help Your Utility Stay In Compliance



Compliance Technician



Recordkeeping Package



CCR Online Hosting

7.8 Million in Total Savings

166 participating KY utilities

Compliance Check Program



FY 2020

Estimated Savings - \$1.1 Million

2020 Compliance Check Participants



(4 to 1 Return on Investment)



Kentucky Rural Water Finance Corporation

Interim Finance Program

- **474 borrowers to date**
- **Approximately \$1.2 billion loaned since 1995**
- **2.1% - 2.7% Average cost of funds**
- **Current loan rate – 2.65%**

Flexible Term Finance Program

- **Program began June 2001**
- **285 Loans for over \$497 million**
- **Flexible term from 1 to 30 years**
- **Estimated 25-year borrowing rate as of 3/17/2021: 2.51%**
- **A+ rated program**

February 2021 Ice Storm

- Freezing rain coated a large portion of eastern Kentucky with up to $\frac{3}{4}$ " of ice.
- Power outages topped 150,000 with northern & eastern Kentucky hardest hit.
- 43 water utilities lost power affecting 192,000 customers.
- Thanks to preparation and water storage only 11,000 customers lost water service.
- Over 33,000 customers were under a boil water advisory.
- KRWA partnered with utilities and coordinated with EEC & KYEM to distribute generators preventing 1,700 additional customers from losing service.

Emergency Declaration for Ice Storm

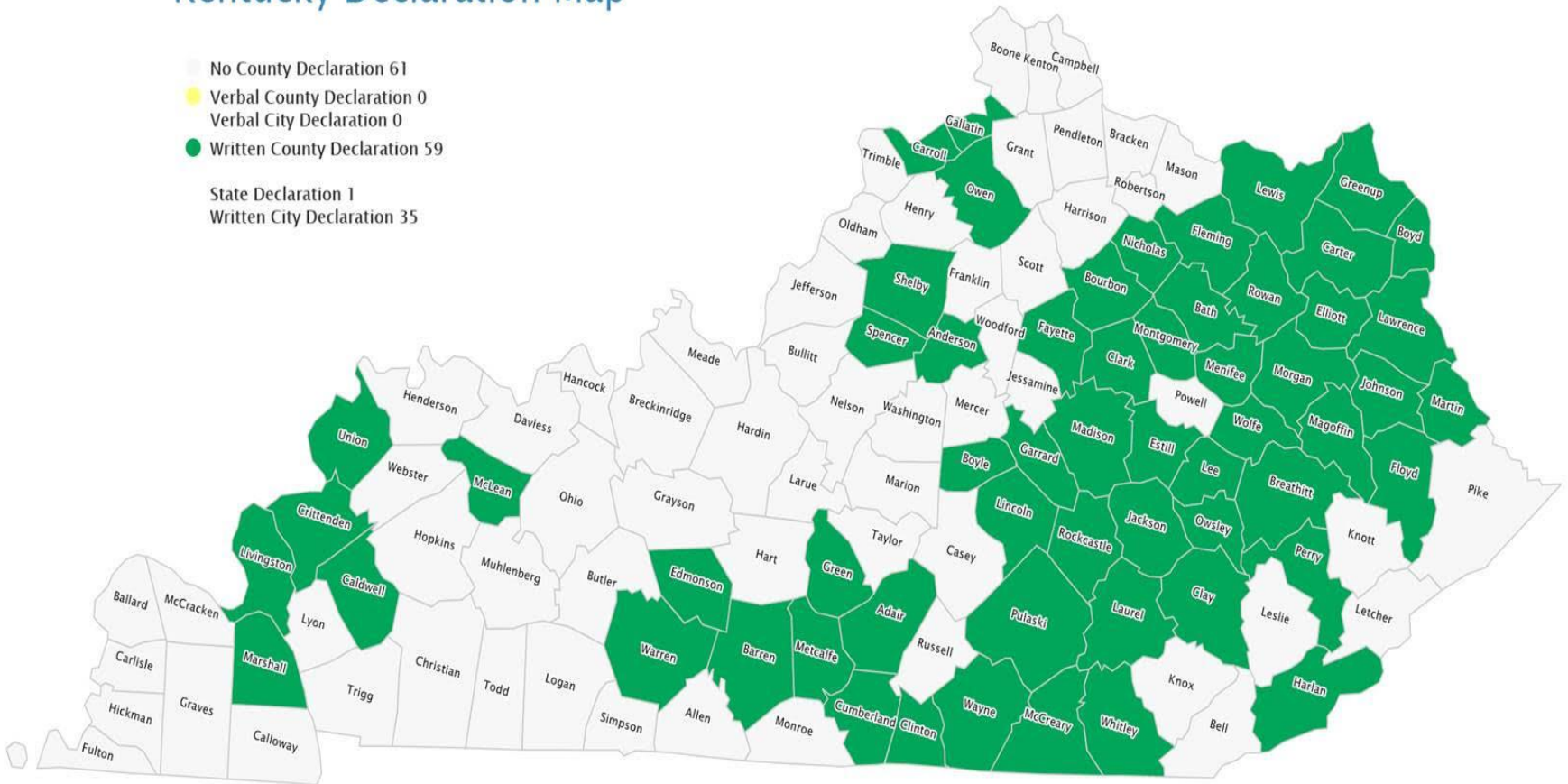
County Declarations

City Declarations

Map

Kentucky Declaration Map

- No County Declaration 61
 - Verbal County Declaration 0
Verbal City Declaration 0
 - Written County Declaration 59
- State Declaration 1
Written City Declaration 35



March 2021 Flooding

- **Rainfall began February 27 w/ portions of eastern Kentucky receiving over 6" of rain in 48 hours.**
- **Flash floods washed out miles of water line, flooded sewer plants & inundated pump stations.**
- **32 drinking water utilities impacted that served a combined 147,000 customers.**
- **Over 8,600 customers lost service.**
- **Over 27,000 customers were under a boil water advisory.**

March 2021 Flooding

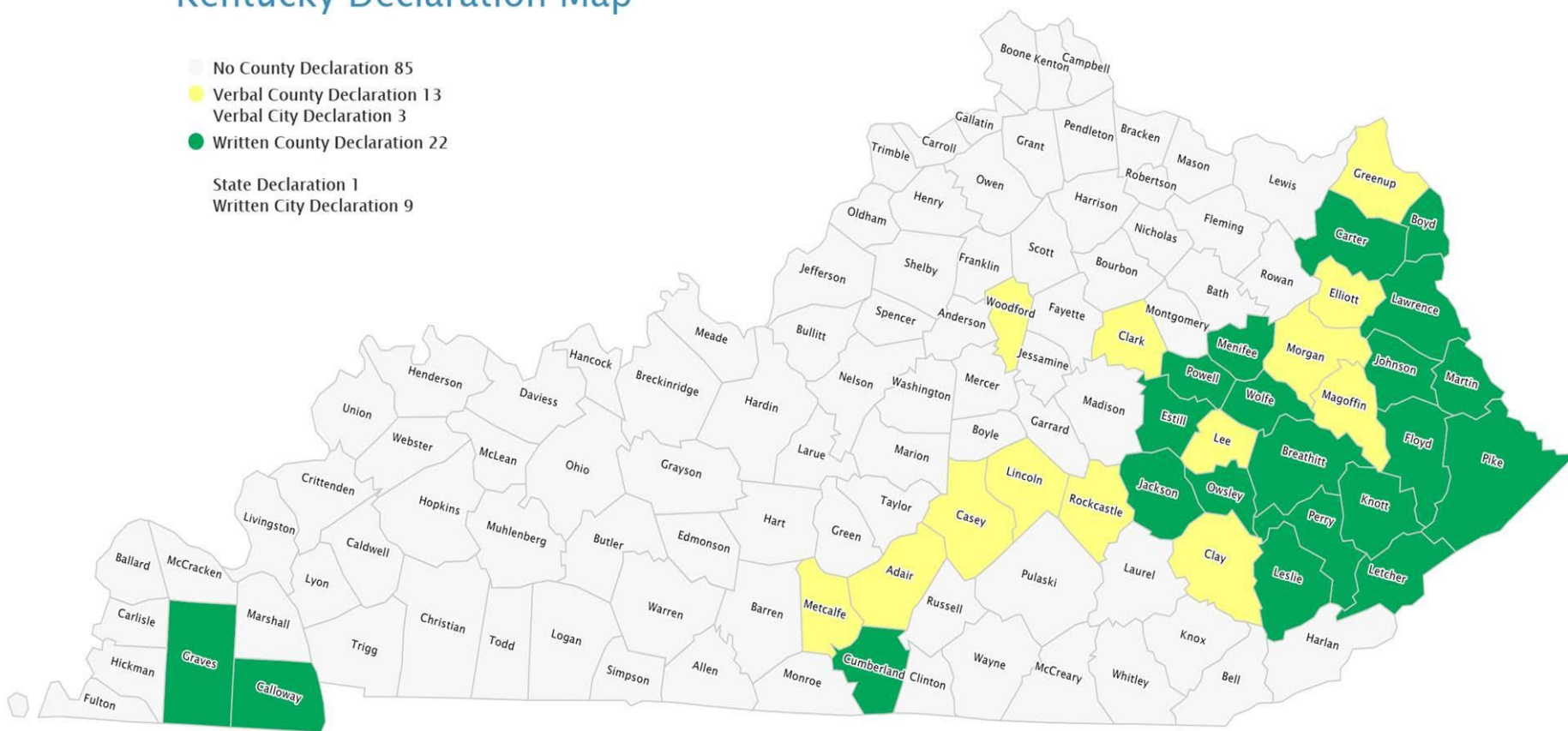
- **KRWA partnered with member utilities and coordinated with EEC and KYEM to distribute bypass pumps, deliver repair parts & materials and provide personnel to restore water service to over 3,800 customers.**
- **KRWA staff expended 285 hours over 8 days with one circuit rider remaining onsite at a utility for 7 days.**

Emergency Declaration for Flooding

Kentucky Declaration Map

- No County Declaration 85
- Verbal County Declaration 13
Verbal City Declaration 3
- Written County Declaration 22

State Declaration 1
Written City Declaration 9



COVID Relief Funds

CDBG Coronavirus Response (CDBG-CV) Program

- Provide assistance to households in danger of utility disconnection (water, sewer, gas, electric)**
- Cities and Counties are eligible applicants**
- Payment made exclusively from non-profit to utility provider**
- Each household may receive up to \$250/month for 6 consecutive months**
- Must be in arrears between January 2020 - present**

COVID Relief Funds

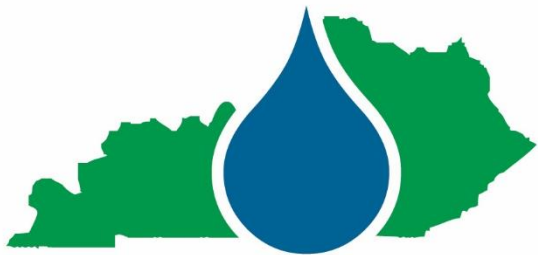
Healthy at Home Eviction Relief Fund

- Prevent evictions and keep Kentucky renters housed during the COVID-19 pandemic.
- Allow landlords to get substantial payments for back rent.
- Reduce the volume of eviction cases in Kentucky courts.
- 100% of utility arrears for up to 12 months + 3 months future utilities. (heat, electric, water, sewer, wastewater)

COVID Relief Funds

American Rescue Plan Act 2021

- **\$1.9 Trillion Pandemic Relief**
- **\$130.2 billion – Local Fiscal Recovery Fund**
 - Investment in Water, Sewer and Broadband
- **State and Local Allocations – Kentucky**
 - Total - \$4.244 billion
 - State - \$2.441 billion, Metro - \$445 million
 - Counties – \$866 million, Non-Counties - \$307 million



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