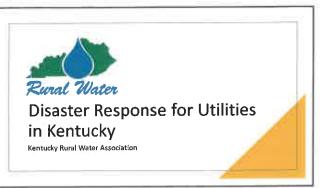
#### EXHIBIT 5



#### Our Role When Disaster Strikes

- Kentucky Rural Water Association is a key member of Kentucky's Management network.
- As the administrator of the Kentucky Water / Wastewater Agency Network (KYWARN) we provide communication, damage assessments and resource allocation to support water / wastewater utilities during disasters.
- KRWA provides liaison support to the Energy and Environment Cabinet and Kentucky Emergency Management as a representative of Kentucky drinking water and wastewater utilities.

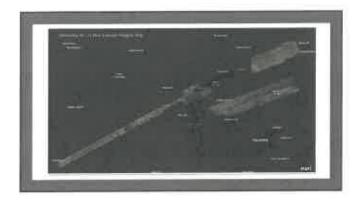
Events	February Ice Storm     Over 70,000 without power     Over 5,300 without water & 38,500 under BWA	<ul> <li>2022</li> <li>January Severe Storms Straight Line Winds / Tornado</li> </ul>
	<ul> <li>Mobilized generators and personnel</li> <li>KYEM coordinated bottled water</li> </ul>	<ul> <li>Power outage</li> <li>Flash flooding</li> </ul>
ated	March Flooding Over 3,000 without power Over 1,700 without water & 15,000 under BWA	<ul> <li>Property damage</li> <li>Minimal water utility damage</li> </ul>
r-Rela	18 5TPs bypassing & 19 overflows     Mobilized pumps, material and personnel     KYEM coordinated bottledwater	February Ice Storm / Flooding  • Under 10,000 without power  • No water outages
/eathei	July Flash Flooding Central KY     Loss of life     Significant property damage     Significant damage to wastewater treatment plant	<ul> <li>Generators procured at two water wilkies</li> <li>3 STPs bypassing &amp; 2 overflows</li> <li>Overflows at three wastewater plants</li> </ul>
ecent Weather-Related	December Tornado 24 water & wastewater facilities impacted Over 55,000 without power Over 10,000 without water or under BWA Mobilized generators and personnel NYEM coordinated bottled water	Ongoing Stresses to Utility Resillence     COVID-19     Operator Staffing     Aging infrastructure

#### Western Kentucky Tornado

- On December 10, 2021, beginning at 8:49 pm (CST) Kentucky was impacted by a swarm of tornadoes finally dissipating on December 11, 2021, at 11:47 pm (CST).
- At least 2 tornadoes were long track and on the ground for nearly three hours and traversing 165 miles. Max wind speed 190 mph.
- Many communities affected, Mayfield, Benton, Princeton, Dawson Springs, Bremen, Bowling Green.
- · Catastrophic damage to property and infrastructure
- 78 fatalities and over 300 injured

#### The Scale of the Storm Event Asian Soverme scale of the spectral physical decreases showing decreases showing decreases showing decreases show in Store and Store and

#### The Power of the Storm By CXNA, Maryland 400x galon sicrated tank By WAS Palicials - Industry lays 601 A00x galon sicrated tank By WAS Palicials - Industry lays 601 A00x galon sicrated tank By WAS Palicials - Industry lays 601 A00x galon sicrated tank



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What Does The
Future Hold For
These Communities?

- · Short term challenges
- Short term challenges
  Immediate response, clearing road for ambulances.
  Shutting off water service to destroyed and damaged homes.
  Power restoration.
  Repair leaks; water and sewer.
  Re-establish customer billing.
  Evaluate the "new normal" on operations and finances.

- Longer term challenges

  - onger term challenges

    Revenue?

    Will the residents return?

    Will businesses return?

    What if only a few return?

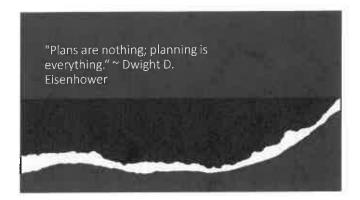
    Partial rebuilding in neighborhoods?

    Can debts be serviced?

    Refunding debt?

    Raise rates?

#### Natural Disaster Tornados Ice Storm / Extreme Winter Weather What Does The Future Hold For Your Utility? Flooding Drought Severe Storm / Lightning Forest Fire Manmade Disaster Cyber Threat / Ransomware Attack Accidental Contamination Vandalism Terrorism Operational Disaster Catastrophic Equipment Failure Staffing Pandemic



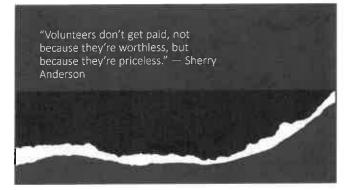
#### Lessons Learned

- Develop and update an Emergency Response Plan
   Join KYWARN (www.kywarn.org)
   Implement a GIS based asset inventory from source to customer

- customer

  Know the exact power requirements for your facilities
  Install permeant generators at treatment facilities
  Locate rental companies that can source your mobile generator needs
  Install a safety transfer switch at facilities without a permeant generator

  Set adequate rates, fund depreciation because nothing drains your accounts faster than a disaster



#### Volunteer Utilities to Recognize

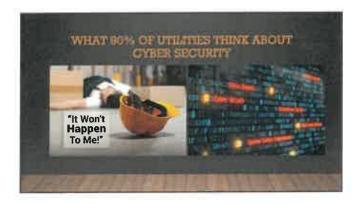
- Adairville Water Works
  Calvert City Municipal Water & Sewer
  Sewer
  Caveland Environmental Authority
  Christian Co. Water District
  City of Madisonville
  Greenville Utilities
  Hardin Co. Water District #1
  Hardin Co. Water District #2
  Hopkinsville Water
  Environment Authority
  Illinois American Water

- Louisville Metropolitan Sewer District
  Louisville Water Company
  McCreary Co. Water District
  Nebo Water District
  North Hopkins Water
  District
  Oldham Co. Water District
  Paducah Water Works
  Paducah Joint Sewer Agency
  Sturgis Water System
  West McCracken Water
  District
  Illinois American Water
- Illinois American Water

While natural disasters capture headlines and national attention short-term, the work of recovery and rebuilding is long-term. ~ Sylvia Mathews Burwell





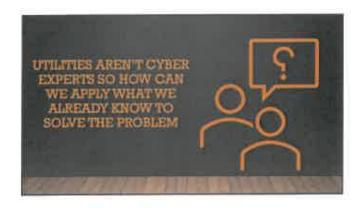


### OBLIGATORY SLIDE OF FACTS LOTTED ATTRICES AND HOME DESIGN AND HIGH THEIR RESIDNA, DETRIBUTION OF THE HEAD CONTROL OF THE HEAD



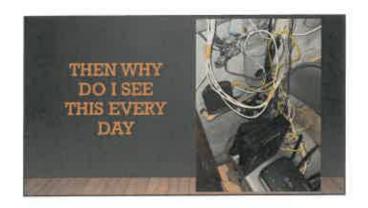
















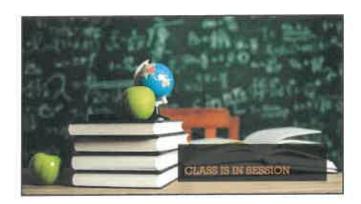








# Educate yourself (or hire "If you think education is someone who is educated) expensive, try estimating Understand it's everyone's the cost of ignorance." responsibility - Howard Gardner Starts at the top with leadership



### Social Engineering Impersonate your boss or vendor Mal-sparm Sparn with malicious code Phishing Used to gather names and PWs Bot Attacks Malicious use of computers Spoofing Google.com VS Gooogle.com Malware Software created to steal data

### Which email host should Luse? How long should my PW be? (I\* off, not "utility") LONG Phrase Should I turn on 2 factor? "I get tons of junk mail" Unsubscribe from EVERYTHING Should I click the link? Did I inherit \$4trillion Dollars??? Also NO! Don't give out banking info via email ever! Call the bank.



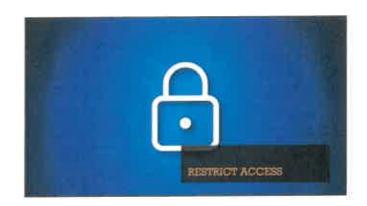












# Make sure a separate user account is created for each employee and require strong passwords that they need for their job Administrative privileges should only be given to trusted IT staff and key personne! Employees should only be given taccess to the specific data systems that they need for their job Employees should only be given to trusted IT staff install any software without permission

### Ensure network infrastructure and cabling are in good shape Ensure no computer or server is operating past its recommended end-of-life Ensure emails are hosted with trusted partners, backed-up, and secured Ensure mails are hosted with trusted partners, backed-up, and secured Ensure mails are hosted with trusted partners, backed-up, and secured

# JACOB PUCKETT – BUSINESS DEVELOPMENT MANAGER UNITED SYSTEMS & SOFTWARE – TECHNOLOGY PROCESS MANAGEMENT 270-282-7060