



## ***Benefits***

- In times of crisis, natural or man-made, water service interruptions can be mitigated quickly by locating specialized resources to reduce costs associated with expedited restoration of service. WARNs provide a tool to access and share specialized resources.
- Intrastate WARNs are volunteer-based, utility-to-utility networks that prepare for disasters, then help member-utilities respond and recover by getting specialized utility resources — personnel and equipment — when and where they're needed.
- Loss of water and wastewater services severely impairs the ability of residents to reoccupy homes and businesses due to public health and safety laws. Restoration of water and wastewater service is also essential for fire suppression and medical support services.

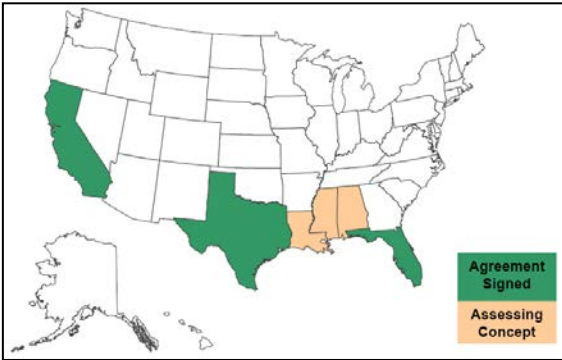
## ***Formal Agreement and Operational Plan***

- Memberships and involvement in WARNs are managed through a utility-based volunteer organization, formalized by a Mutual Aid and Assistance Agreement, and mobilization is governed by an Operational Plan. The agreement and plan provide for:
  - Inclusion of public and private utilities and associated resources.
  - Formalizing existing capabilities to provide mutual aid and assistance to enhance the water and wastewater sector resiliency against natural and human-made disaster to ensure continuity of service to our sectors customers.
  - Deployed resources remain under the authority of the sending utility and can be recalled at any time.
  - Indemnification and worker compensation to protect participating utilities.
  - Maintaining voluntary response. There is no obligation to respond.
  - Coordination with other agreements or statewide programs. The agreement does not supersede existing systems.
- WARN compliments existing state and local emergency management programs and works within the National Incident Management System (NIMS) structure. Interstate aid is facilitated by the nationally adopted Emergency Management Assistance Compact (EMAC) in alignment with the National Response Framework.

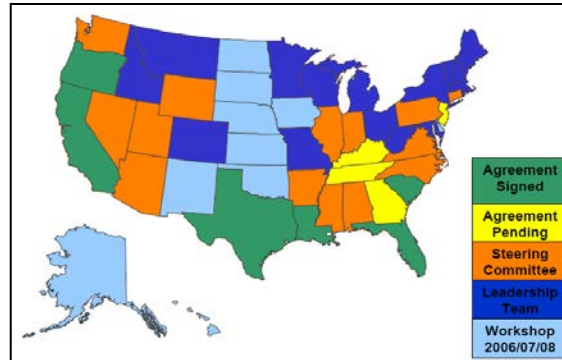
## ***Successes***

- The WARN program has earned multiple emergency management recognitions for innovation and practicality in managing small, local and large disaster conditions:
  - 2007, Emergency Management Assistance Compact (EMAC) Advisory Board Member, National Emergency Management Association
  - 2007, Partners in Preparedness Award, International Emergency Managers Association
  - 2006, Recognized as a Best Practice by National Incident Management System Integration Center
- WARN has been used successfully in response to many incidents, including:
  - 2005 Hurricane Katrina, Rita and Wilma (FlaWARN)
  - 2007 Southern California Wildfires (CalWARN)
  - 2008 Detroit, OR Blizzard (ORWARN)
  - 2008 *Salmonella* outbreak, Alamosa (CoWARN)
  - 2008 Hurricane Gustav (LaWARN)
  - 2008 Hurricane Ike (TxWARN)
  - 2009 Ice Storm (ARWARN, TNWARN, KYWARN)
  - 2010 Baja California Earthquake (CalWARN)
  - 2011 Hurricane Irene, TS Lee (NCWARN)
  - 2011 Missouri River Floods (SDWARN)
  - 2011 Drought (TxWARN)
  - 2012 Floods (MNWARN)
  - 2012 TS Debby (FlaWARN)
  - 2012 SuperStorm Sandy (NYWARN, PAWARN, NJWARN, MAWARN)
  - 2012 City of Bison Water Outage (SDWARN)
  - 2013 Colorado Floods (COWARN)

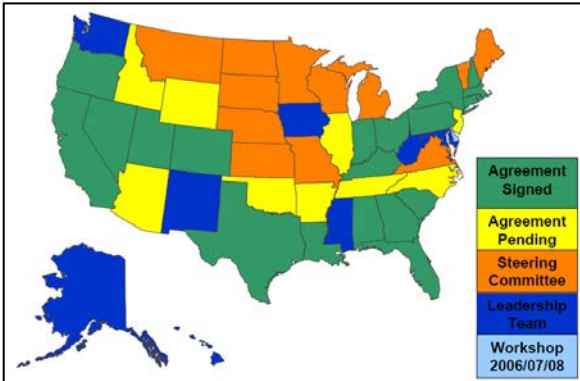
**April 2006 (3)**



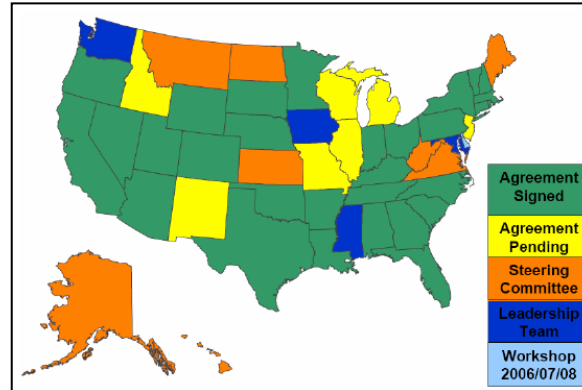
**May 2007 (6)**



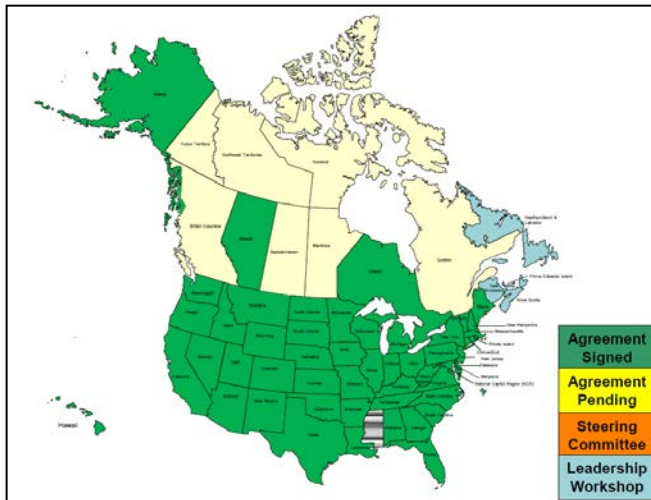
**January 2008 (20)**



**October 2008 (31)**



**April 2014 (US50 + CA2)**



**For questions, please contact Kevin Morley  
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