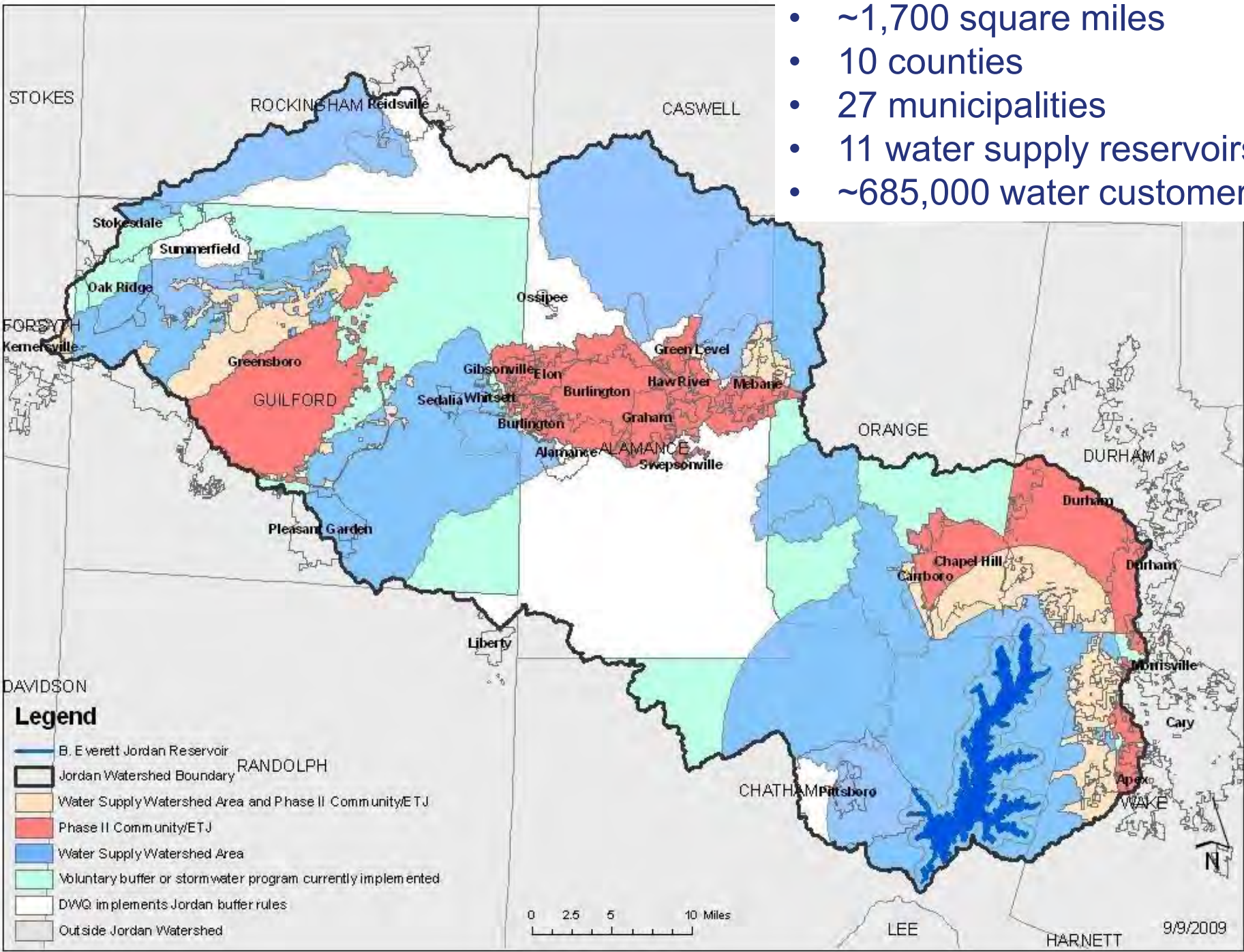


The Jordan Lake One Water Association (JLOWA)

TJCOG Board of Delegates Meeting
November 15th, 2017

Jen Schmitz, Principal Planner – Water Resources
Triangle J Council of Governments

- ~1,700 square miles
- 10 counties
- 27 municipalities
- 11 water supply reservoirs
- ~685,000 water customers



Legend

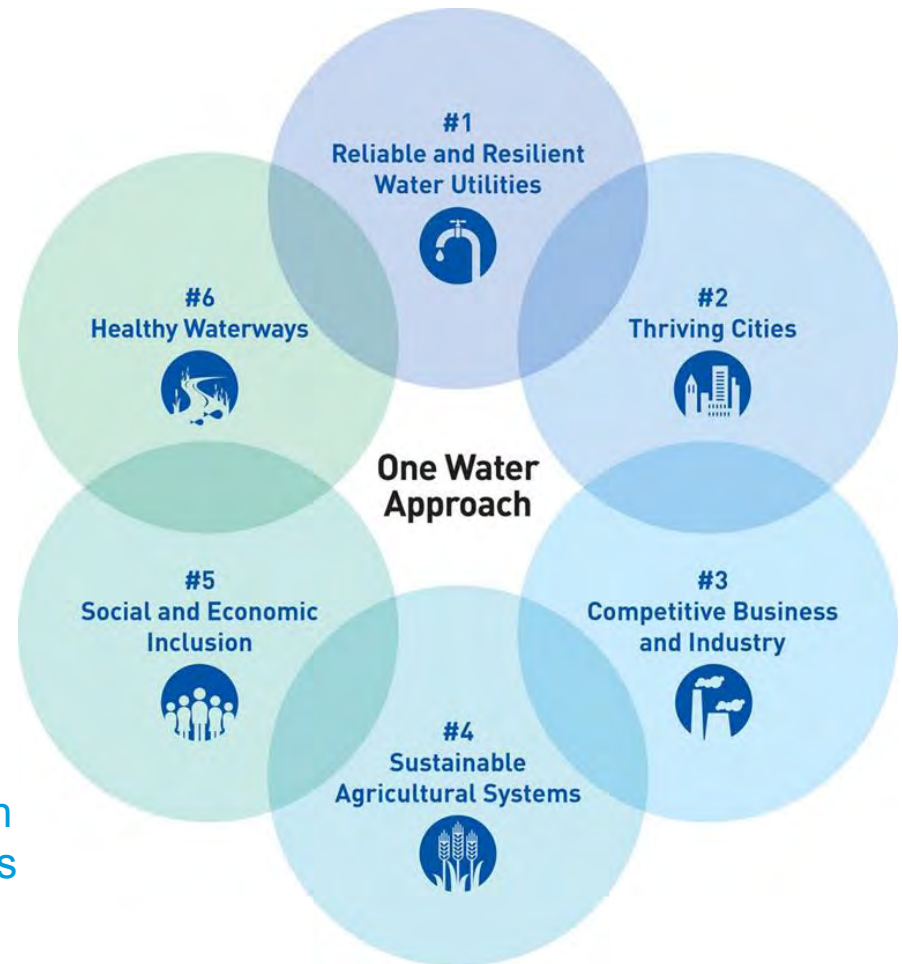
- B. E. Verett Jordan Reservoir
- ▭ Jordan Watershed Boundary
- ▭ Water Supply Watershed Area and Phase II Community/ETJ
- ▭ Phase II Community/ETJ
- ▭ Water Supply Watershed Area
- ▭ Voluntary buffer or stormwater program currently implemented
- ▭ DWQ implements Jordan buffer rules
- ▭ Outside Jordan Watershed

0 2.5 5 10 Miles

9/9/2009

What is 'One Water'?

- ▶ Integrated Water Management
- ▶ Integrated Water Resources Management (international)
- ▶ “One Water”
- ▶ Basic Tenets:
 - ▶ Integrate natural systems with human systems to move away from piecemeal planning
 - ▶ Requires and optimizes coordination and participation both between and within diverse groups
 - ▶ Resources and regions are managed holistically = “One Water”



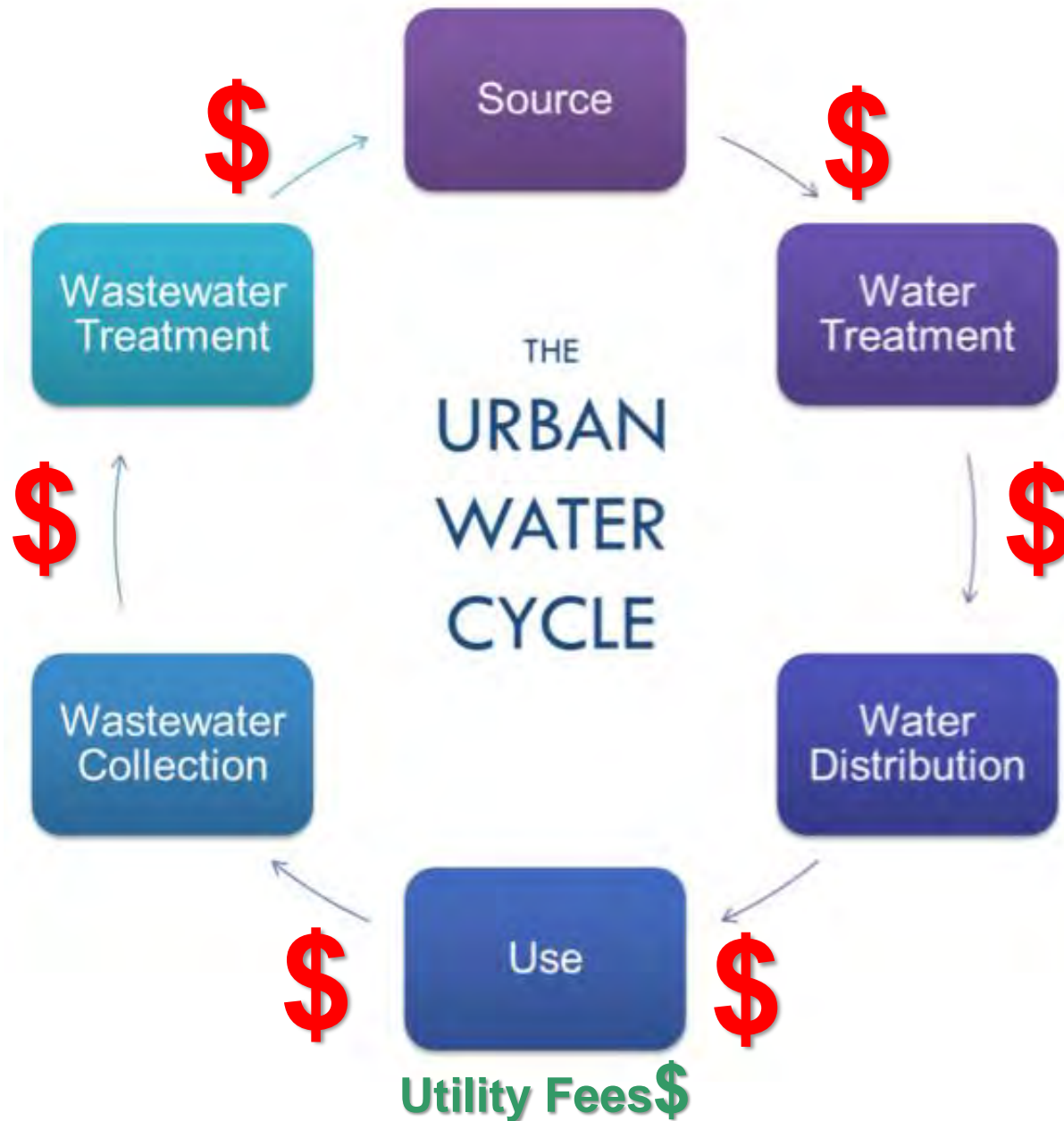
The “One Water” Concept

- ▶ “One Water”
 - ▶ All types of water, including stormwater, drinking water, reclaimed water, and wastewater are considered and managed as one water resource
 - ▶ Current prevailing perception: only valuable water = potable water
 - ▶ Others are problems that just need to be dealt with
 - ▶ Need to shift the perception



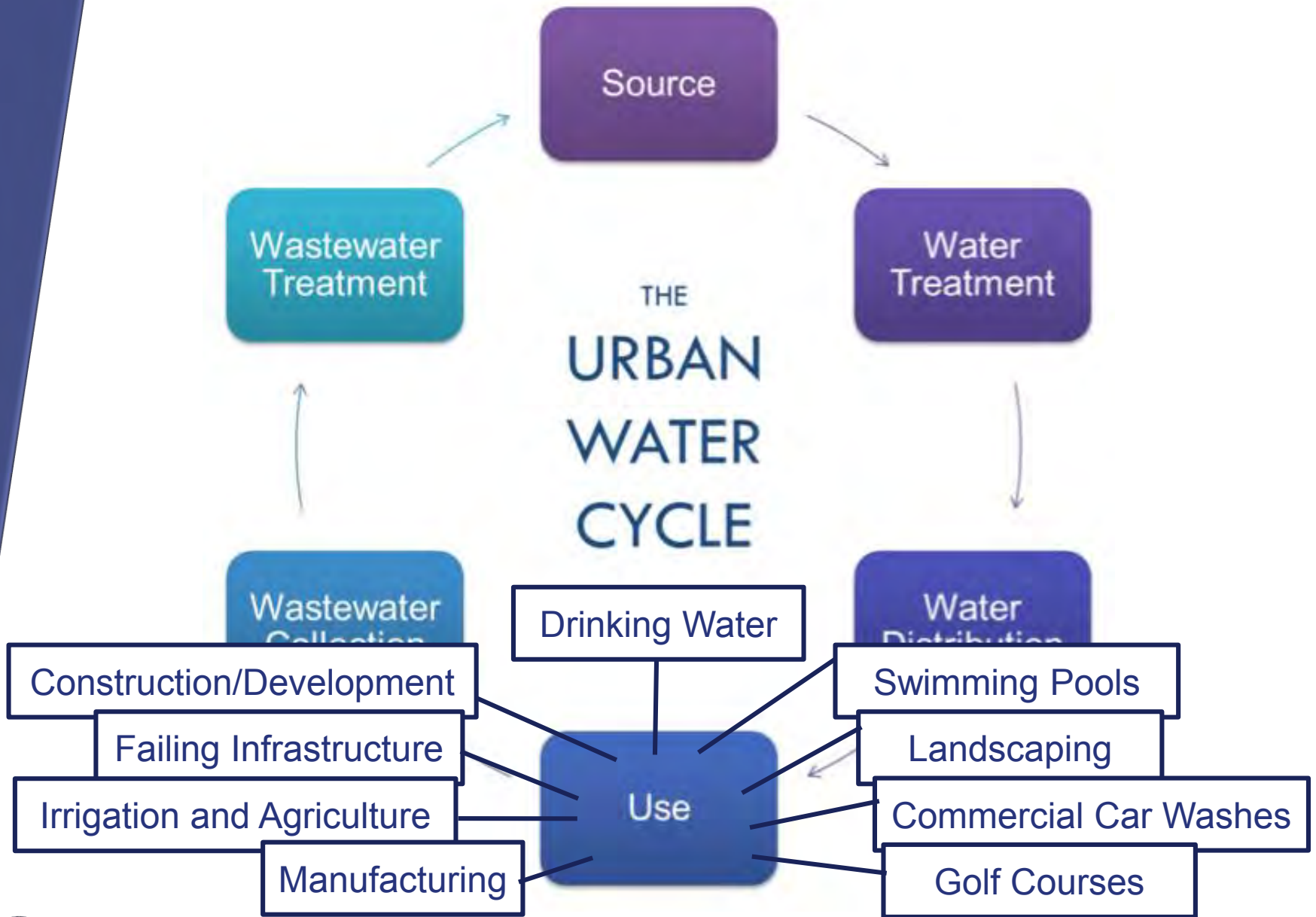
Shifting the Perception (and the Paradigm)

- ▶ Evolving the urban water cycle away from centralized distribution systems and one-time use



Shifting the Perception (and the Paradigm)

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 - ▶ Reevaluate indiscriminate potable water usage



Shifting the Perception (and the Paradigm)

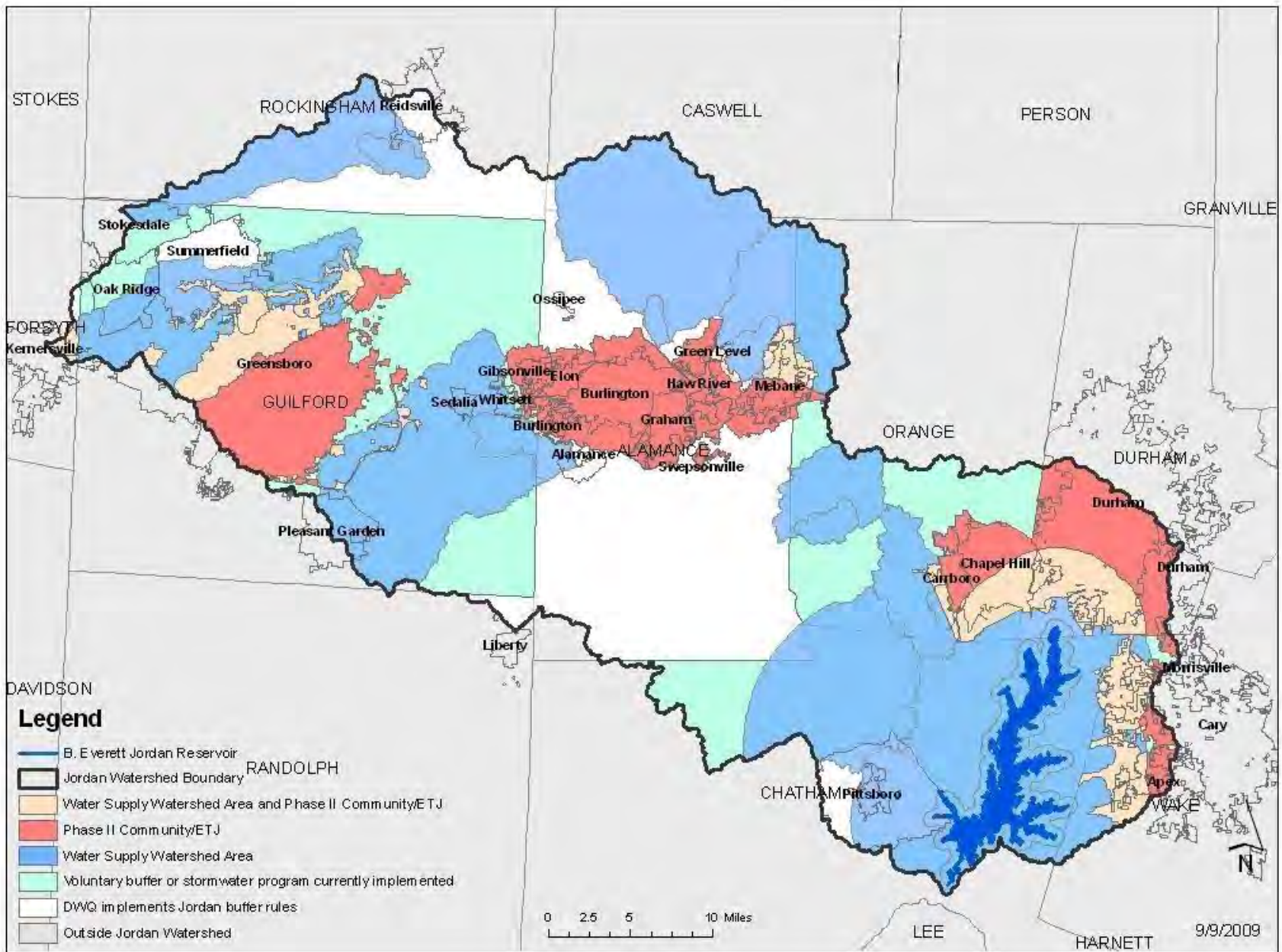
- ▶ Evolving the urban water cycle away from centralized distribution systems and one-time use
 - ▶ Reevaluate indiscriminate potable water usage
 - ▶ Less cycle, more resource transfer, value-add system
- ▶ Managing water holistically (region, watershed, inter- and intra-jurisdictional)
 - ▶ Include economic, social, and environmental considerations when managing water resources (eg. land conservation)
 - ▶ “Triple Bottom Line”
 - ▶ Improvements to TBL = tangible benefits to everyone
 - ▶ After all, we are all downstream of someone else...

Intuitive and simple in concept, challenging and complex in implementation...

How do we get to “One Water”?

- ▶ Equal prioritization of water quantity and water quality
 - ▶ Decoupling water scarcity and *potable* water scarcity
 - ▶ Not scarce; instead, adaptable!
 - ▶ In other words: resilient!
- ▶ Find ways to conserve, use, reuse, and share water resources **(including land!)** more effectively and sustainably across watershed
- ▶ Identify and pool resource needs
- ▶ Discussions and collaboration = JLOWA





Putting the Pieces Together

History of collaboration impediments:

- ▶ The Jordan Lake rules and other regulatory obstacles have distracted us all from working together and created understandable silo-ing of efforts
- ▶ Contention has lead to inaction!
- ▶ Entities are currently “going it alone.” Need to form a collaborative group for an alternative approach to the status quo
- ▶ Need to collaborate for transfer and compilation of resources, ideas, knowledge, strategies, and efforts.
- ▶ Previous initiatives were missing tangible actions/goals, a central coordinating entity, and champions at various levels

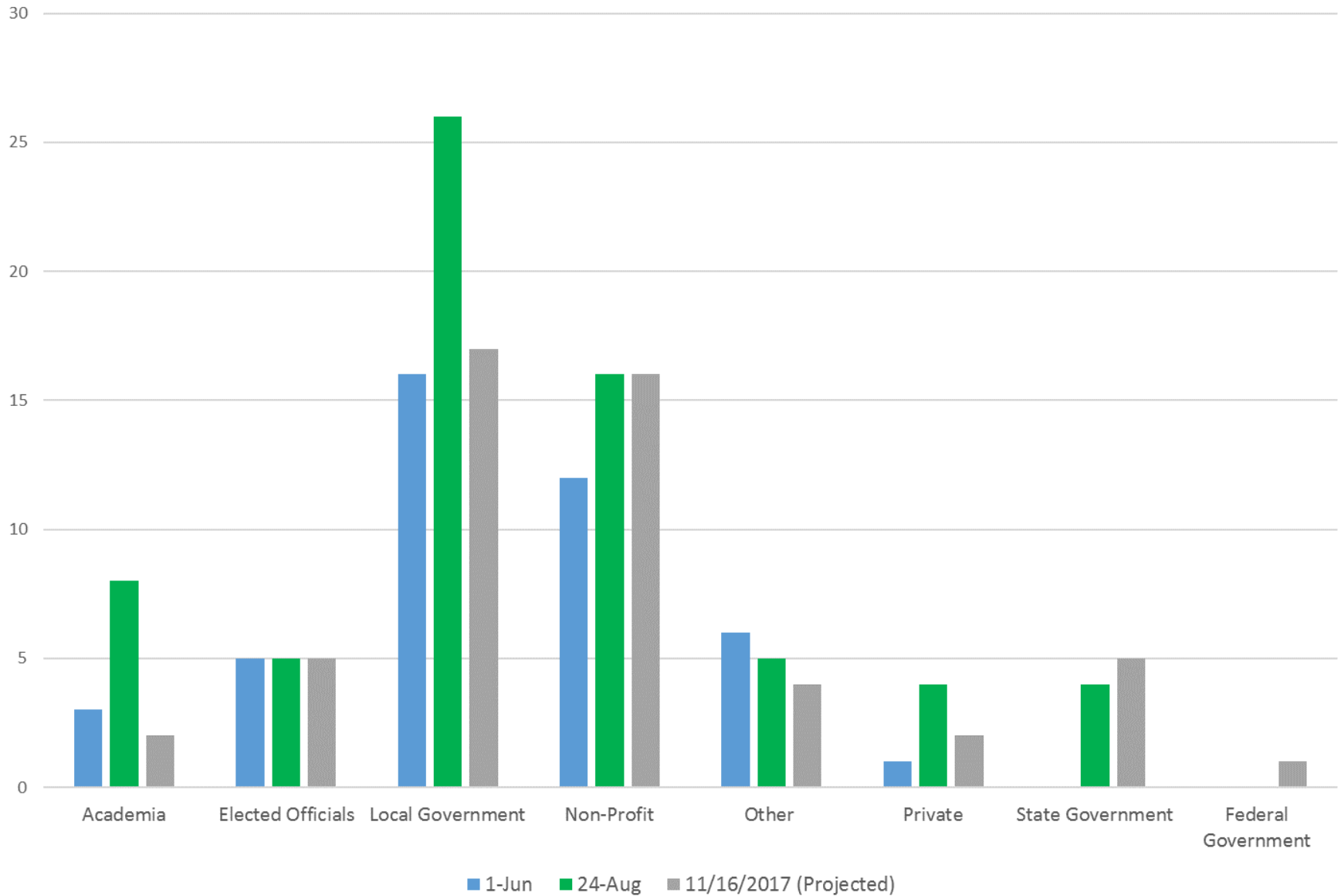


The JLOWA will...

- ▶ Utilize communication, collaboration, and cooperation to solve regional watershed issues *that are generally beyond the capacity of any one stakeholder.*
- ▶ Draw on experience and leadership of elected officials and other champions of the group
- ▶ Work closely with local and state regulators and other policy groups in an advisory context
- ▶ Increase access to funds and funding opportunities
- ▶ Establish and develop partnerships and trust among stakeholders
- ▶ Leverage wealth of knowledge and experience of stakeholders



Diversity of JLOWA Stakeholders



Questions?

