



# *Sustainability of Connecticut's Small Community Public Water Drinking Water Systems*

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Drinking Water Section



# CT DPH Drinking Water Section Responsibilities

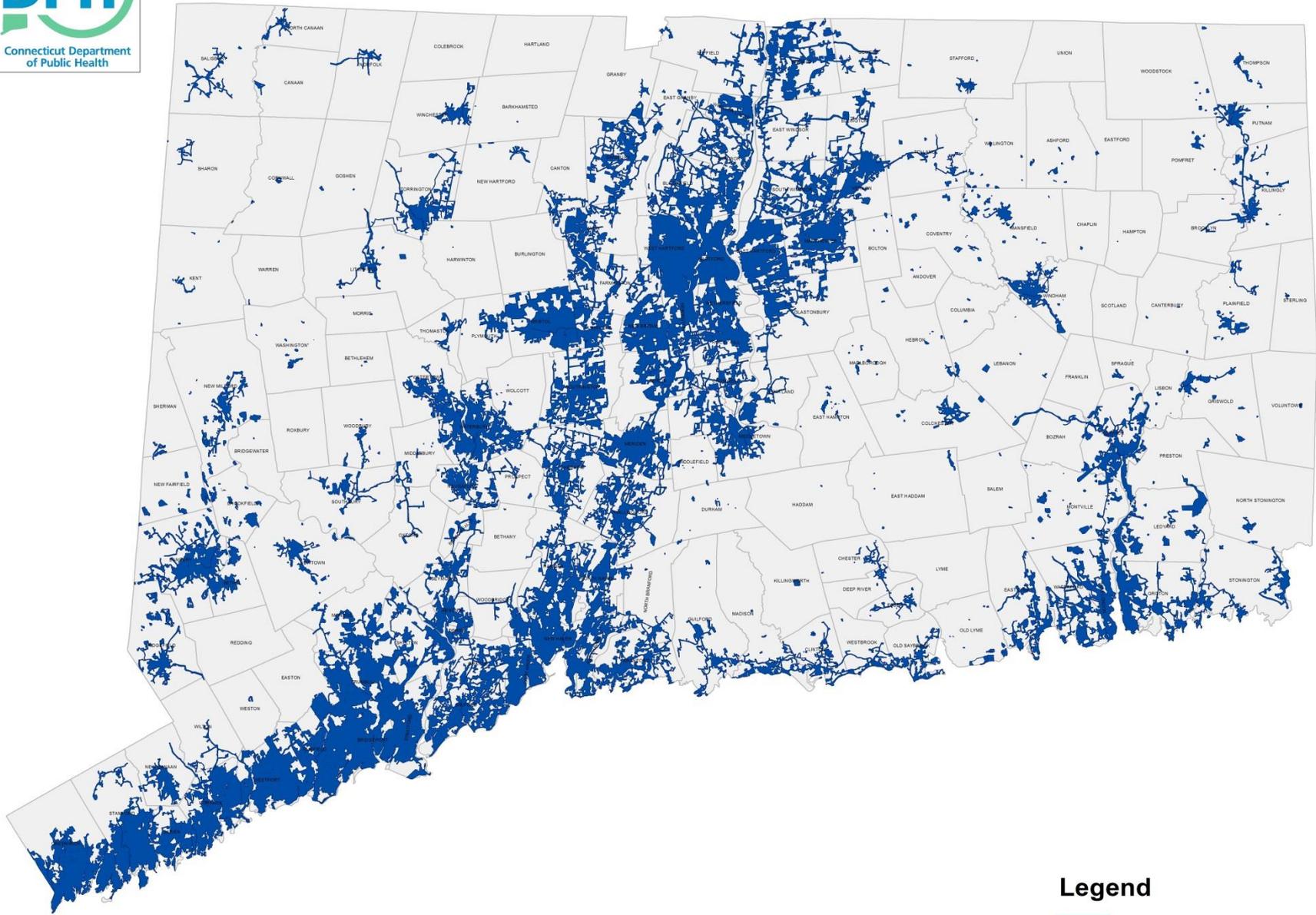
- 💧 Regulate over 2,500 Public Water Systems with 4,400 sources
- 💧 2.8 million CT residents served – 3.5 million total population
- 💧 96 systems serve over 1,000 people
- 💧 460 systems serve under 1,000 people - small community systems
- 💧 2,000 non-community systems

# Small Community Systems

- 💧 Storm Effect
- 💧 Asset Management
- 💧 Preparedness
- 💧 Ownership
- 💧 Certified Operators
- 💧 Regional Planning
- 💧 Acquisition Process/CPCN

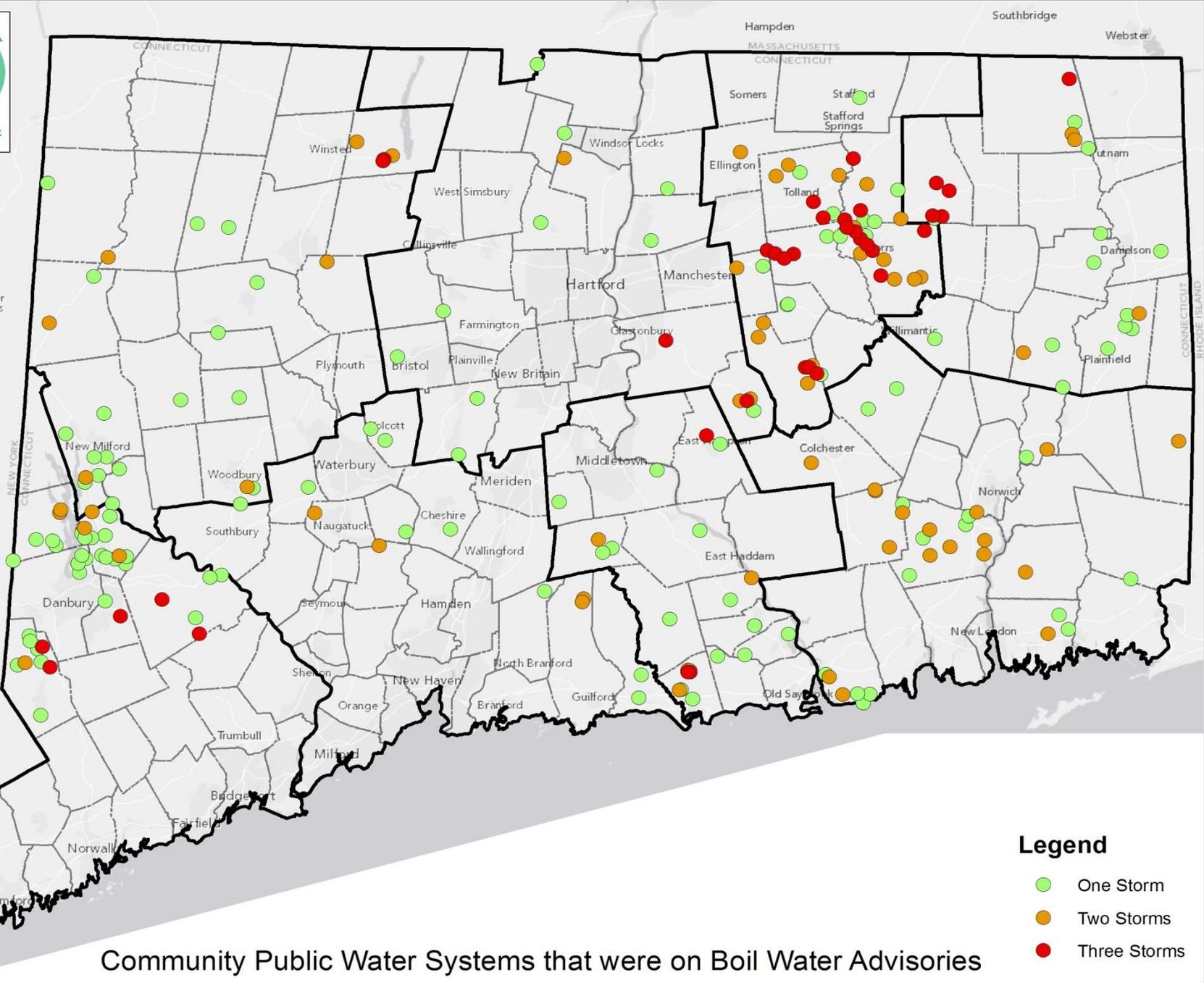


# Public Water Supply Service Area



## Legend

 PWS Service Areas



Community Public Water Systems that were on Boil Water Advisories

- Legend**
- One Storm
  - Two Storms
  - Three Storms

# Storm Effect

## Community PWS

- 💧 Community Public Water System population effected by three storms 4,766 (36 systems)
- 💧 Small systems - lack of responsiveness, difficulty with communications (weekend and office closure), lack of capacity, planning and preparedness
- 💧 Large systems – stable through storms, systems on extended generator power, lack of priority status for power restoration, communication coordination was labor intensive

# Asset Management

- 💧 Manage public water system assets through inventory and fiscal planning
- 💧 Developed new regulations
- 💧 Plan to share for informal comment - late summer/fall 2013

# Preparedness

- 💧 Developed new regulations - require emergency plans and emergency power capacity
- 💧 Created DWSRF Focus Point - subsidized generator loans
- 💧 Developed training program small system owners

# Ownership

- 💧 Update inventory database
- 💧 Small system license
- 💧 Compliance & Enforcement – water quality and survey violations

# Certified Operators

- 💧 Draft regulations – direct responsible charge
- 💧 Provide continuous training
- 💧 Enhance enforcement

# Regional Planning

- 💧 WUCC process
- 💧 Complete statewide
- 💧 System assessment and consolidation

# Acquisition Process/CPCN

- 💧 Voluntary and Involuntary Procedures
- 💧 Streamline Agency Process – joint and/or individual
- 💧 System Capacity – financial, managerial, and technical
- 💧 Application – initial information request
- 💧 Public Hearing – maybe held, but not required
- 💧 Information Review/staff input - opportunity
- 💧 Link to Regional Plan
- 💧 Timeframe limit – complete application
- 💧 CPCN streamline

# Timeline

- Regulations & Legislation – drafted & moving forward by end of 2013
- Training - continuous and ongoing
- DWSRF - Focus Point continuous for generator purchase



**Thank You**

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