



# Safe Drinking Water Act Lead & Copper Rule Public Drinking Water Systems in Connecticut

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# Presentation

- DPH Drinking Water Section
- Lead & Copper Rule
- Flint MI
- Current compliance
- Customers of Public Water Systems
- Future

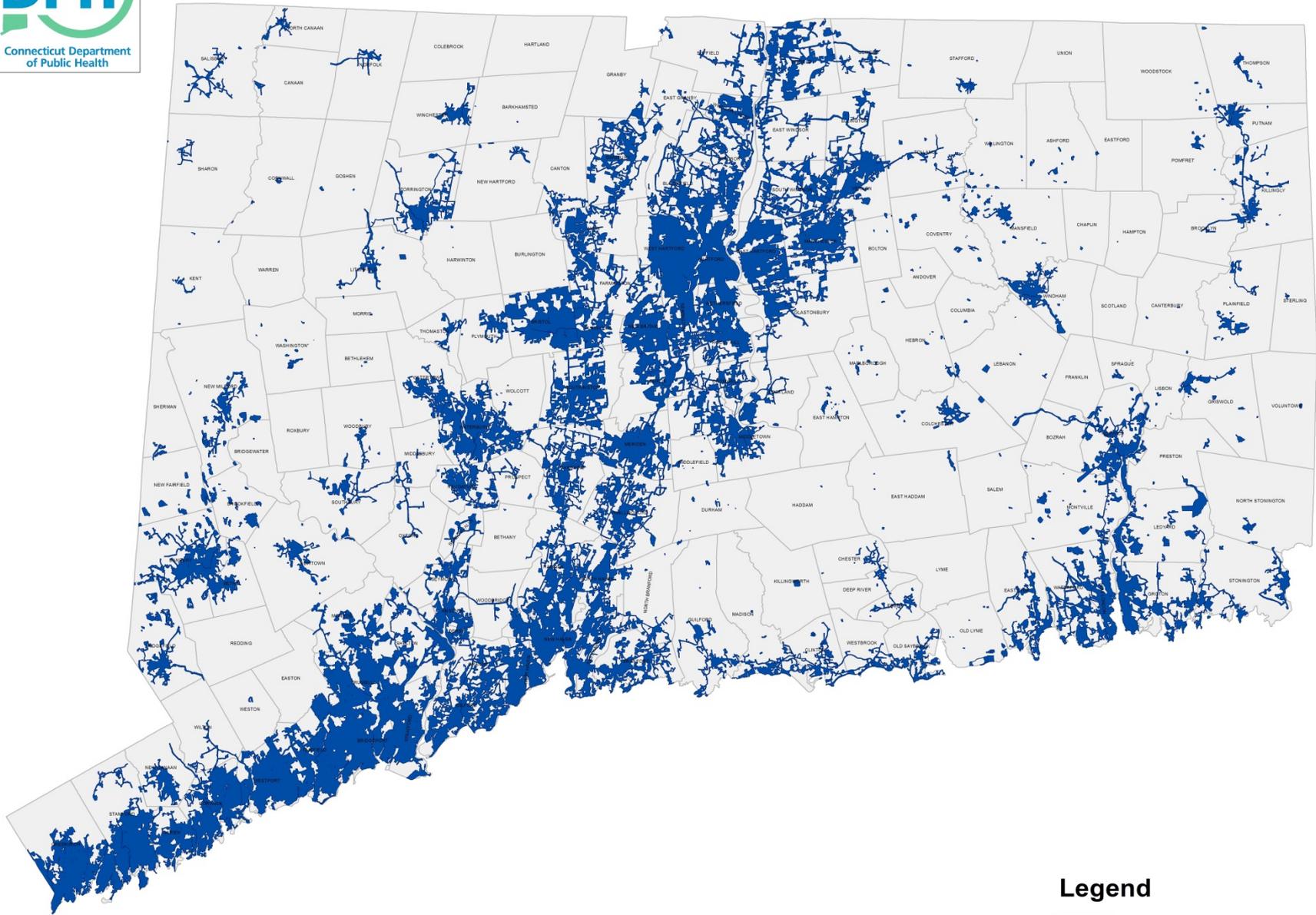


# CT DPH Drinking Water Section Responsibilities

- Regulate over 2,500 Public Water Systems with 4,400 sources (public water system serves 25 or more people)
- 2.9 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



# Public Water Supply Service Area



## Legend

 PWS Service Areas



# Lead & Copper Rule

- History - 1991
- Compliance – testing, reporting, exceedance, 15 ppb action level, treatment
- 1,058 Community and NTNC systems required to test under the Lead and Copper Rule
- 170 non-transient non-community systems - schools

# Flint Michigan

- Change in source of drinking water source – Flint River
- Change in water chemistry
- Treatment requirements
- Monitoring
- Complaints – reports of strange smells and colors in water, rashes and hair loss



# Current Lead and Copper Rule Compliance

- 14 public water systems actively out of compliance
- Different stages of Rule compliance
- Treatment and technical review and approval
- Testing requirements
- Dynamic testing requirements



# Customers of Public Water Systems

- Schools
- Buildings
- Premise plumbing
- 3Ts EPA Guidance document
- Responsibility



# DPH Lead Program

- Top Five CT Cities - Prevalence of Lead Poisoning among young children tested
  - New Haven, Bridgeport, Waterbury, Meriden, Hartford
- Number and Percentage of Environmental Lead Hazards Identified by Source 2014
  - Paint (83%), Dust (44%), Soil (23%), Water (0.9%)

# Future

- Lead and Copper Rule
  - Testing
  - Locations
  - Health based standard
  - Transparent
  - Removal
  - Enforcement and consistency
  - Understanding responsibilities



# Lead & Copper Rule Connecticut

- Senator Chris Murphy's Lead Roundtable, Congresswomen Esty
- High Quality Sources
- System Ownership
- Certified Operators
- DPH Drinking Water Section



# Thank you

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