



Connecticut Department of Public Health *Drinking Water Section*

Regulatory Update & Current Initiatives

CT Section AWWA & CWWA
Annual Conference, October 20, 2015

Michael Hage, Water Supply Section Supervisor
Drinking Water Section



Presentation

- DPH Drinking Water Section Overview
- Current Initiatives (HABs, Legionella, resiliency plan, WUCCs, Aging Tanks, WSPs Update)
- Regulatory Initiatives (RTCR, Generators, Bulk Water)



CT DPH Drinking Water Section Responsibilities

- Responsible for Adequacy and Purity of Public Drinking Water Statewide
- 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; 332 not owned by larger water companies
- 2,000 non-community systems



Drinking Water Section

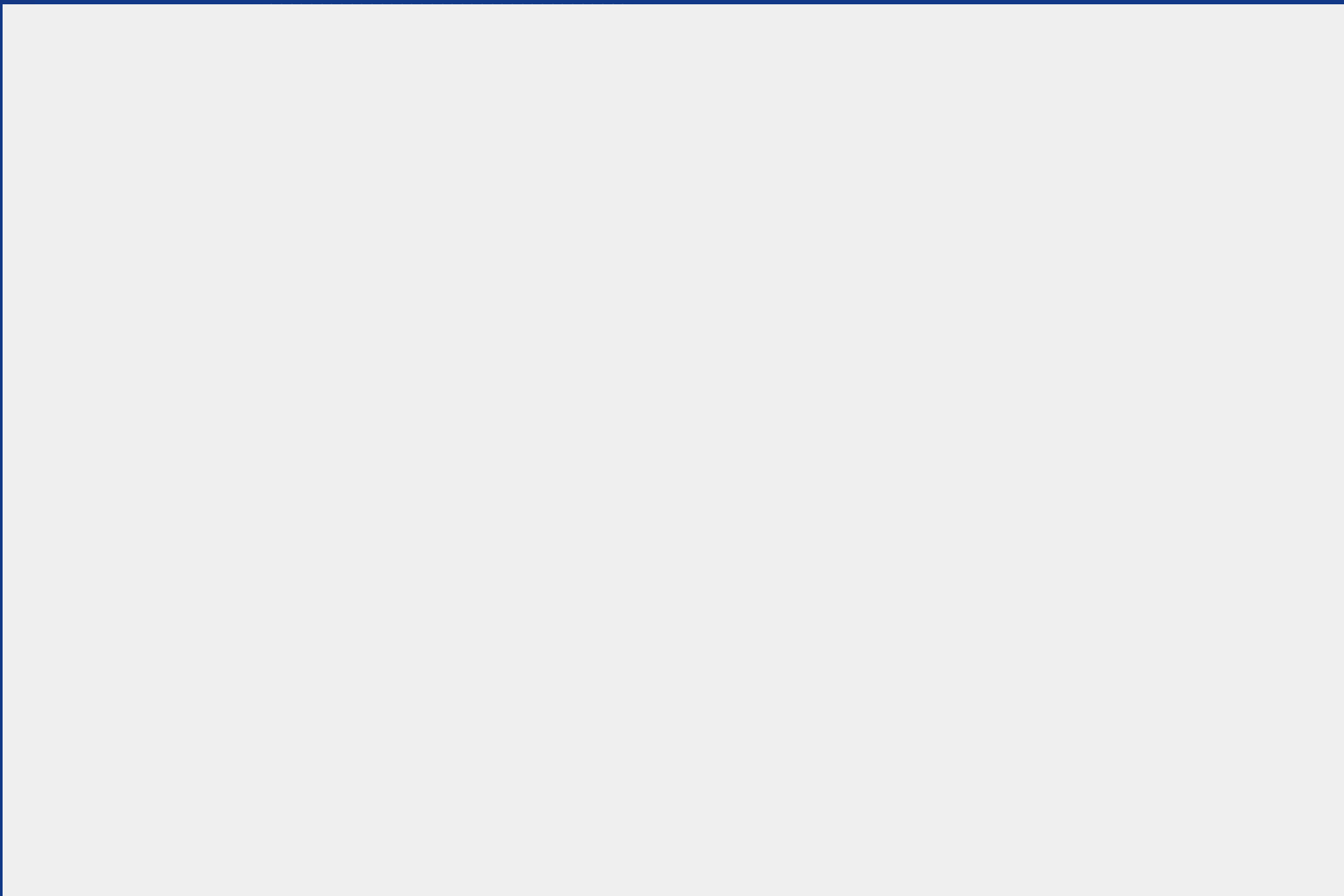
- Primacy of Safe Drinking Water Act - EPA
 - system engineering surveys
 - treatment/source review & approval
 - Drinking Water State Revolving Loan Fund
 - drinking water quality – oversight of monitoring and reporting
 - Rule implementations (GWR, RTCR, LT1, Pb & Cu, etc..)
- State Statutory
 - purity and adequacy of public drinking water
 - water company land regulation
 - recreation permitting, sale of excess water, certified operators, enforcement, source water protection
 - water supply planning and regional planning (WUCC)



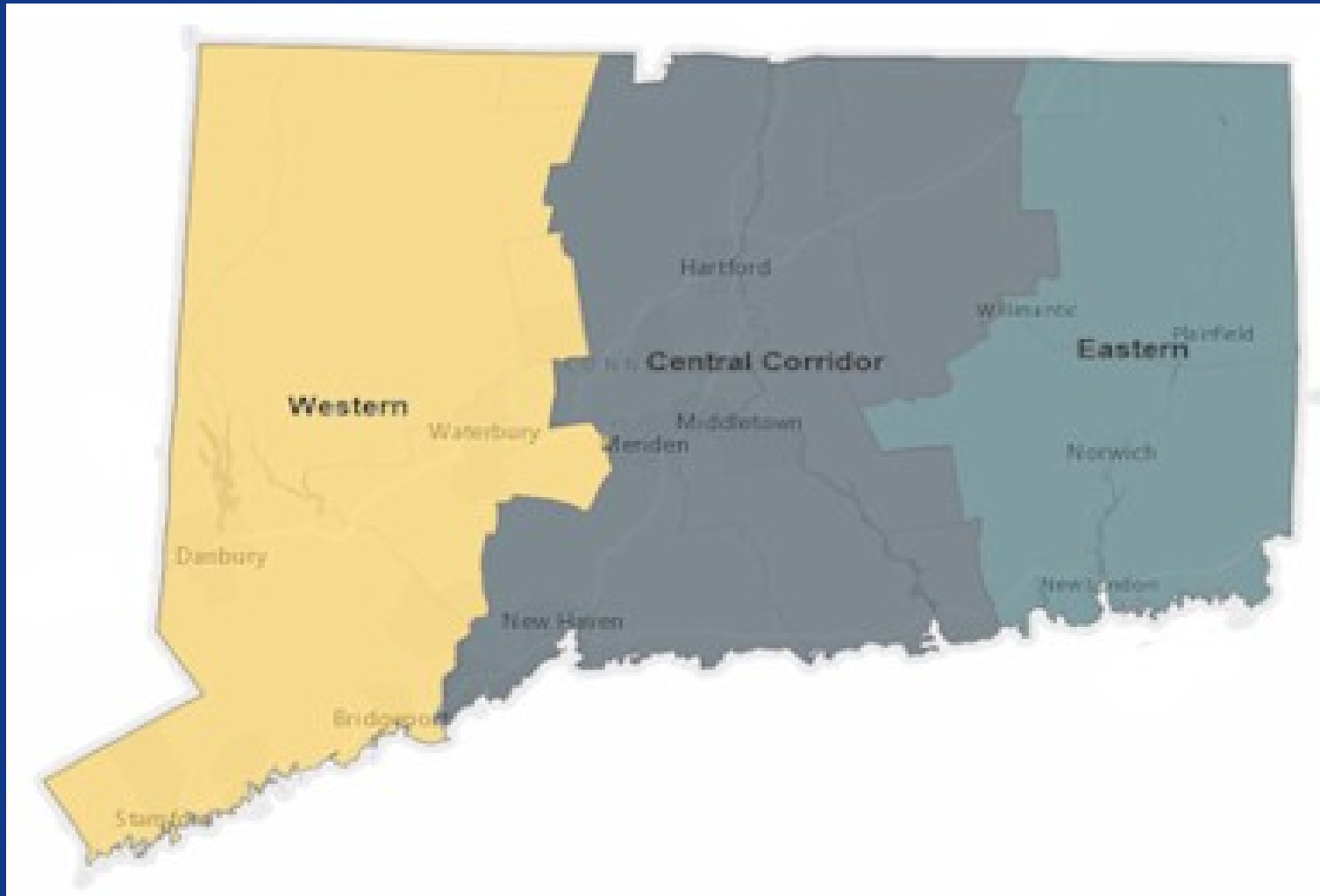
Current Initiatives-WUCCs

- Gathering all available data that are necessary to assist in developing the area-wide coordinated water supply plan.
- Solicited proposals to facilitate, coordinate & produce the coordinated water supply plan.
- Convened in September informational meetings in the 3 new WUCC areas.
- New WUCCs need to get organized around the new areas, one consultant will be on board.
- All WUCCs to be convened – starting early 2016, priority West to East

Old WUCC Management Areas



New WUCC Boundaries Map





Current Initiatives-WSP Update

- Sent Notifications to about 20 PWSs in September
- Update to be focused on modifications/changes
- To include the “Completeness Crosswalk”,
 - Worksheet for determination of safe yield,
 - Worksheet for demonstration of available water,
 - Worksheet for demonstration of Margin of safety, and
 - Corrections/edits to Excel Spreadsheets of PWS info (email requests to dwdcompliance@ct.gov)
- WSP is your plan



Current Initiatives-Resiliency Plan

- Community Development Block Grant offered thru DOH
- Focused only on the 4 shoreline counties
- All Hazard Vulnerability assessment of all CWSs in 4 counties
- Water supply preparedness & resiliency plan to be completed by Aug 2017



Current Initiatives-Pressure Tanks

- Incident occurred at about 3 a.m. on Tuesday 6/23, total loss of water & pressure
- CTWC dispatched help within few Hrs of our call, and fully repressurized system by Wednesday 6/24,
- Temporary system in operation late on Friday 6/26
- Circular Letter issued on 7/7/15
- Key Lessons: Inspect often & have an asset management & emergency response plan



DANGER
CONFINED SPACE
DO NOT ENTER

NSF
WATER FILTER







Connecticut Water
1-800-286-5700
www.ctwater.com

Current Initiatives-HABs Harmful Algal Blooms

- EPA's Health Advisory Levels issued on 6/15/15, which are based upon 10 days of exposure, are:
 - 0.3 μ g/L for microcystin and 0.7 μ g/L for cylindrospermopsin for children less than six years old
 - 1.6 μ g/L for microcystin and 3.0 μ g/L for cylindrospermopsin for children six and up and adults
- Circular Letter of 8/31/15, No cost testing to surface water systems, 3 per intake, ELISA test, anonymous. Results will establish basis for 1) future testing, 2) additional protective measures, and 3) help a utility see where it stands relative to others.

Legionella

- Legionnaire's Disease cases on the rise
- White paper & guidance, expected to be released by EPA in November
- Appears the focus is on control in building water system
- Upon release, we will issue circular letter to guide our PWSs
- PWSs should consider control measures to minimize Legionella at the building entry point, especially to Critical Care Facilities



Regulatory Initiative-RTCR

- Draft Regulation moving forward
- Held informational session in June 2014
- Establish a “find & fix” approach via Level 1 & Level 2 assessments
- Several Upcoming Trainings
- Effective Date: April 2016



Regulatory Initiative-Emergency Power

- Had informational meetings & Public hearing
- Expected on the LRRC agenda in late October
- Not applicable to PWSs that are subject to PURA Regs
- Apply to facilities that can't maintain minimum pressure without power
- Fueled by either propane or natural gas; liquid fuel is OK if in a contained above ground tank & located >200' to source of water supply



Regulatory Initiative-Emergency Power

- Exemption from liquid fuel is available to existing or replacement generators, and to new generators with a justified extenuating circumstance
- Filing about existing generators to be submitted within 8 months of effective date but can be extended for extenuating circumstances
- Alternative source of backup power is OK provided it meets the reg requirements
- CWSs < 1000 shall prepare within 8 Months emergency contingency & response plan



Regulatory Initiative-Emergency Power

- Submit annually a verification of compliance with this regulation
- Compliance Dates:
 - CWSs $\geq 100,000$ within 1 yr of effective date
 - CWSs 10,000 to 99,999 within 2 yrs of effective date
 - CWSs $< 10,000$ within 3 yrs of effective date



Regulatory Initiative-Bulk Water Hauling

- Public Act 14-178
- Hauler delivering water to PWS must be licensed by DPH
- Circular letter sent on 01/29/2015
- Application, Guidelines, Notification form & Licensed Haulers are on DWS webpage at this link

<http://www.ct.gov/dph/cwp/view.asp?a=3139&Q=569418>



QUESTIONS???

THANK YOU FOR LISTENING