



Hot Topics in Public Drinking Water

Connecticut Department of Public Health Drinking Water Section

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Presentation

- Lead & Copper Rule
- WUCC
- Needs Survey
- Legislation
- RTCR
- High Quality Sources
- RCAP
- Source Water Collaborative
- Chlorate



Lead & Copper Rule

- Compliance
- Internal Task Force
- Process Modification
 - Complaints
 - New Source of Supply
 - Operators
 - Invalidation
- EPA Guidance



Public Drinking Water Complaints

- Received by DPH Drinking Water Section
- DWS staff engineers to follow-up directly
- DWS might sample, case by case situations
- Close complaint through management approval

Changes for New Sources of Supply

- Require an assessment of raw water quality with respect to potential corrosivity prior to well use approval for CWS and NTNC systems
- Accomplish by modifying Well Water Quality and Quantity Suitability Application (WQQSA)
 - Include parameters for a “Saturation Index” calculation (i.e. Langelier Index)
 - Include questions about point of entry (sole source vs. one of many sources) and plans for new or existing treatment that may affect corrosivity

Changes for New Sources of Supply Cont'd

- If initial assessment as part of WQQSA concludes the potential for the new source to have corrosive properties:
 - Additional corrosivity analysis of entry point (and after any treatment) water quality may be required
 - Corrosion control treatment may be required
- All CWS and NTNC activating new sources of supply will be required to return to baseline Pb/Cu monitoring to demonstrate compliance.



Certified Operators Direct Responsible Charge

- SEEING A LACK OF COMPLIANCE WITH "DRC" REQUIREMENTS – **Paper Operator**
- "Chief Operator" means a certified operator who has been designated by the system as the operator who has DRC for the operation and maintenance of the plant, distribution system or small water system.
- DRC means having an "active, daily responsibility" for making the operational decisions about the quality or quantity of water being served, that affect public health
- The nature of this "daily responsibility" is based in part on the regulatory requirements of the system.



Lead & Copper Rule

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

WUCC

- Initiate process – contract finalization with MMI
- DPH Commissioner - convene all three at same time, West to East
- Data gathering contract complete
- Members can prepare by updating water supply planning information
- Accelerate process



CT DWSRF Needs Survey

- Drinking Water State Revolving Fund Needs Survey
- 2011 survey results \$3.5 Billion of drinking water needs over the next 20 years
- 2015 survey to be completed at the end of February '16
- Thank you to the 33 systems who participated with DWS
- Results due to Congress in March 2017



Legislation

- HB 5044 Study Fees
- HB 5350 Fluoride
- HB 5263 FOIA
- Aging Infrastructure
- Civil Penalties
- Certificate of Public Convenience and Necessity

RTCR

- Implementation – April 2016, No TC+ Violations; Site Sampling Plans; Seasonal System Start-Up Procedures
- Violations – E.coli (Tier 1); Treatment Technique (Tier 2); Monitoring (Tier 3); Reporting (Tier 3)
- Level 1 and 2 Assessments – Investigate and Correct “Sanitary Defects” Replaces TC Violations+
- Training – More Training is Scheduled for Local Health Districts with Large #'s of Seasonal PWSs



RTCR Training

- CT DPH Approved Level 2 Assessor Training Course
 - Attendees must either be a CT DPH Certified Treatment Plant or Distribution System Operators or any professional engineer licensed in the state of Connecticut (experience in the regulation of systems in CT)
 - 6 Hour Course
 - CT DPH Course Planned Dates

03/24/16	06/13/16	11/17/16
03/28/16	06/20/16	11/22/16
 - SAVE THE DATE / Registration information will be sent out in near future



High Quality Source List

- Connecticut General Statute 25-33q requirement of DPH to publish list and keep up to date
- List of existing and future potential sources
- Recent Circular letter requesting updates from systems
- Important list - will be used during the WUCC process and Minimum stream flow reviews
- Published on DPH DWS webpage



Resources for Communities & People (RCAP)

- DPH DWS has a 3-yr contract with RCAP, through Sept 2017, to provide free technical assistance and asset management training for small CWSs
- Asset management and fiscal plans- help available through one-on-one technical assistance. Systems working with RCAP currently include Tariffville Water Commission & Putnam Water Pollution Control Authority
- Emergency Plans- addressed in each asset management training and a guide is provided to each participating system
- ** Next Asset Mgmt Training- March 31, 2016- Bristol, CT
 - > See DWS website for details



Source Water Collaborative

- Initial meeting December 2013
- Charter development
- 25 members
- Focus on high quality sources, source water protection initiatives, and emphasize public health
- Plan to hold Charter signing event during 2016 Drinking Water Week

Chlorate

- Unregulated Contaminate Monitoring Rule 3 – UCMR3 – 21 contaminants, over 10,000 systems, testing 2013 to 2015
- Detects above health reference level 210 ppb
- EPA – requested direct follow-up with systems



Thank you

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