

DROUGHT RESPONSE AND WATER LOSS WORKSHOP FOR WATER UTILITIES

U.S. Environmental Protection Agency

DROUGHT WORKSHOP for Connecticut's Medium and Large Water Utilities

Date: September 23, 2021

0.35 CEUs will be
available for
participation

Workshop Objectives

- Share challenges, solutions and lessons learned in drought and water loss control.
- Provide tools and resources that utilities can use to assess and control water loss and mitigate against drought impacts on water supply.
- Identify practical actions utilities can take to advance mitigation of drought impacts and water loss control in their communities.

Agenda

TIME	TOPIC
8:15 a.m.	Participants Join GoToWebinar
8:30 a.m.	Virtual Workshop Logistics Alfredo Lagos, GDIT Review of webinar logistics.
8:40 a.m.	Opening Remarks and Workshop Overview Lori Mathieu, CT Department of Public Health (DPH) Jack Betkoski, Vice-Chairman, CT Public Utilities Regulatory Authority Dawn Ison, EPA Welcome, opening remarks, and an overview of the virtual workshop objectives and agenda.
8:45 a.m.	The U.S. Drought Monitor Map – What does it mean for public water systems? Jessica Spaccio, Climatologist - Northeast Regional Climate Center An overview of what criteria are used to make the U.S. Drought Monitor Map and how it relates to public water systems. CT Drought Monitoring Eric Lindquist, Connecticut Office of Policy and Management An overview of what criteria are used to establish CT drought stages.
9:15 a.m.	Connecticut State Water Plan Lori Mathieu, DPH Important requirements of the CT State Water Plan.

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9:35 a.m.	Irrigation Restrictions – Lessons Learned by a Connecticut Utility Jeff Ulrich, Aquarion Water Company Overview of the conservation strategies conducted at the Aquarion Water Company.
9:55 a.m.	Modeling Drought Resilience in a Connecticut Reservoir System - Lessons Learned by a Connecticut Utility John Hudak, Regional Water Authority and Casey Caldwell, Hazen and Sawyer Overview of the South Central Connecticut Regional Water Authority's use of a hydrologic model to assess impacts of upcoming Connecticut stream flow standards on safe yield and drought resiliency.
10:15 a.m.	Break
10:30 a.m.	Understanding Water Loss Susan Butler, Jacobs Introduction to water loss control and the use of water audits in identifying and controlling water losses in public water systems (e.g., leak detection).
11:20 a.m.	How to Conduct a Water Audit Susan Butler, Jacobs Presentation on how to gather appropriate data for conducting a water audit followed by a demonstration of the American Water Works Association (AWWA) Water Audit Tool using hypothetical system data.
11:50 a.m.	Workshop Wrap-Up and Transition to Optional Large Group Session Dawn Ison, EPA Review highlights from the day and participants can share thoughts about actions they can take to advance implementation of water loss control in their communities.
12:00 p.m.	Optional Large Group Session with AWWA's Water Audit Tool Susan Butler, Jacobs Interested participants can receive technical assistance on using AWWA's Water Audit Tool.
12:30 p.m.	Adjourn