

MassDEP / Drinking Water Program 100 Cambridge Street – 9<sup>th</sup> Floor; Boston, MA 02114 <u>Program.Director-DWP@mass.gov</u> or 617-292-5770 In The Main - The Drinking Water Updates can be found online at: <u>mass.gov/lists/communication-to-public-water-suppliers</u> or at the Statehouse Archives at: <u>https://archives.lib.state.ma.us/handle/2452/826119</u> which has a searchable database.



Plum Island, Newburyport, Photo by: Eric Cheung

This In The Main newsletter has these topics of interest

2025-05-30

- 1. Meet the Grants Workshop
- 2. DWSRF Solicitation for 2026 is Now Open
- 3. Congratulations! Public Water Systems Awarded Massachusetts Drinking Water Supply Protection Grants!
- 4. LCR, LCRR, and LCRI Updates
- 5. Lead in Schools and Childcare Facilities Drinking Water Update: Water Smart
- 6. Improving Conditions Lift Drought in Three Massachusetts Regions
- 7. Emergency Response Reminder: Public Notification and Communication During Emergencies
- 8. MA WARN For Water and Wastewater Systems
- 9. Water Treatment Career Awareness Night at Bristol Community College
- 10. EC-SDC Grant Awardees Training Webinar
- 11. Fluoridation in Massachusetts Drinking Water
- 12. CCRs for Calendar Year 2024 are due July  $1^{st}$
- 13. Congratulations MWRA 2025 Drinking Water Day Awards- Another excellent PWS
- 14. Changes to the PFAS MCLs, How PWS are Impacted
- 15. Drinking Water Trivia!
- 16. Training Calendar
- 17. Cybersecurity, Emergency Preparedness, and You!
- 18. Supply Chain Reminders

Are you looking for past issues or topics in our In the Main newsletter?

Use the search function in the Statehouse Archives at: <u>https://archives.lib.state.ma.us/handle/2452/826119</u>

# Meet the Grants Workshop

# Drinking Water, Wastewater, Stormwater and Water Quality Grants

Join MassDEP's Bureau of Water Resources Program Managers for our annual "*Meet the Grants*" Workshop on June 12, 2025, at 1:00 pm on ZOOM. This one-hour workshop will cover FY26 grant offerings available for drinking water, wastewater, stormwater, and water quality projects. The workshop is open to anyone who would like to attend. There will be ample time provided for questions.

If interested, please register here: <u>https://uso6web.zoom.us/webinar/register/WN\_yQFVmWYqTLW-tMGjJf8e2w</u>

If you cannot attend, the workshop will be recorded and available online.

# DWSRF Solicitation for 2026 is Now Open

## Projects Evaluation Forms can now be submitted

The solicitation period for new drinking water projects seeking funding through the Drinking Water State Revolving Fund (DWSRF) Loan Program is now open for the calendar year 2026 Intended Use Plan financing cycle. Project Evaluation Forms (PEFs) for construction projects and Asset Management Planning Grants will be accepted until 12:00 PM, July 25, 2025.

There are no significant changes to the DWSRF PEF for 2026. The ranking system criteria remain the same. Please be aware that PFAS mitigation is a priority for financing construction projects.

In addition, MassDEP accepts applications on a rolling basis (no PEF required), subject to the availability of funding, for the following programs:

**Lead Service Lines (LSL) planning projects** – Planning activities that assist public water suppliers (PWS) to complete service line inventories and to develop LSL replacement programs, in support of compliance with the Lead and Copper Rule Revisions/Improvements.

**LSL replacement projects** - Public Water Suppliers with MassDEP-approved LSL replacement programs for public and private LSL (full replacements) may submit applications for projects that comply with the Lead and Copper Rule Revisions/Improvements and all SRF program requirements. Priority for financing will be given to systems with documented lead levels, particularly those exceeding the 90th percentile, and PWS serving disadvantaged communities or small systems.

The solicitation notice can be viewed at <u>https://www.srfmadep.com/state-revolving-fund-applications-forms/cwdw/pefnotice.pdf</u>

# **Congratulations!** Public Water Systems Awarded

# Massachusetts Drinking Water Supply Protection Grants!

Healey-Driscoll Administration Awards over \$1 Million to Protect Drinking Water Across Massachusetts **BOSTON** – The Healey-Driscoll Administration announced over \$1 million in grant funding to protect drinking water resources in Massachusetts. Through the Drinking Water Supply Protection program, the Executive Office of Energy and Environmental Affairs' (EEA) will provide funding to five communities. This investment will allow communities to purchase land that is important for maintaining the safety and quality of their drinking water, directly benefiting public health.

"This funding is a critical step in ensuring that our communities have access to safe, clean drinking water," said **EEA Secretary Rebecca Tepper.** "By investing in land protection, we are not only safeguarding our vital water resources but also enhancing the quality of life for residents who rely on these resources for health and recreation."

"Massachusetts has some of the cleanest and most abundant drinking water in the nation—due in large part to our proactive planning," said **MassDEP Commissioner Bonnie Heiple.** "Protecting land near the water bodies that provide our drinking water protects residents from contaminants that could pollute the water supply if that land were otherwise developed."

Since 2004, this program has empowered municipalities, public water systems, and fire districts to acquire land through purchase or conservation easements specifically for water protection. The land secured through these efforts will be designated as protected open space under Article 97 of the Massachusetts Constitution, ensuring it remains dedicated to preserving our water supply and conserving natural resources.

EEA carefully selects projects that enhance water supply safety, including the protection of current and future wells and reservoirs, as well as lands vital for groundwater recharge. Conserving these areas protects our water supply and also enhances community spaces for outdoor recreation, providing residents with more opportunities to enjoy nature.

"This investment enables Amesbury to purchase part of a watershed that provides the city's water supply," said **State Representative Dawne Shand (D-1**<sup>st</sup> **Essex).** "We are grateful to the Healey-Driscoll administration for making possible this visionary environmental goal of being a smart steward of its water supply while also opening to recreation the beautiful Powwow River."

Awardee	Project Description	Total Grant Award
Town of Amherst	50+ acre wooded property in Pelham adjacent to designated Watershed Protection Land held by the Town of Amherst. This purchase will protect designated Zone A surface water that contributes to the Pelham Reservoir System which provides approximately one third of Amherst's drinking water.	\$218,820
City of Haverhill	These 40+ acres will expand the 500+ acre Brandy Brow Forest Area - an ecologically significant landscape within the Millvale Reservoir watershed that provides 65% of Haverhill's drinking water.	\$237,000
Town of Falmouth	This critical 2-acre property lies entirely within the Zone B Surface Water Supply Protection Area for Long Pond, the Town's primary drinking water source. This acquisition addresses a gap embedded within 640 acres of protected open space owned by the Town of Falmouth.	\$158,100

Projects receiving Drinking Water Supply Protection grants are:

City of Amesbury	This 8 acre parcel abuts the Powwow River - Amesbury's primary surface water source. The property is also within 1,800' of a town wellhead and entirely within the City's Zone II wellhead protection area. The parcel is easily accessible from the road and will create access to the river for canoers and kayakers.	\$122,661
City of Cambridge	These 52 acres of environmentally sensitive land west of the upper Hobbs Brook (Cambridge) Reservoir will directly facilitate the protection of an additional 20 acres, bringing the total protected land to 72 acres. Through partnership with the Town of Lincoln, Lincoln Land Conservation Trust and Rural Land Foundation, this purchase will protect critical water supply for the City of Cambridge and create public access to the property trail network.	\$350,000

For more information about the annual grant program, go to <u>Drinking Water Supply Protection Grant Program</u> <u>Mass.gov.</u>

# LCR, LCRR, and LCRI Updates

# Remember to Submit your Service Line Material Consumer Notice (CN) Certification Form by July 1, 2025!

This is a reminder to all PWS which were required to send out Service Line Material CNs (PWS that had any lead, galvanized requiring replacement (GRR) or lead status unknown service lines in your initial accepted SLI) that you must certify the distribution of your required consumer notices (distributed by November 15, 2024) with the SLI CN Certification Form, available here: <u>https://www.mass.gov/doc/lcrr-certification-of-service-line-inventory-consumer-notice/download</u>.

All PWS that were required to send out CNs must submit their certification by July 1<sup>st</sup>, 2025. PWS that were required to send out CNs, and do not certify their distribution by July 1<sup>st</sup>, 2025, will be referred to EPA, as a non-submission of the certification form is a violation of the LCRR and will be subject to enforcement.

If your PWS has already submitted your SLI CN Certification Form, MassDEP DWP thanks you for your submission!

# Update your SLI Consumer Notices Based on the 2024 Responses!

Many PWS, and MassDEP DWP, received quite a few questions from consumers because of their CNs! Because of this influx of questions, MassDEP created the following:

- 1. <u>MassDEP DWP Consumers Frequently Asked Questions (FAQ) about the SLI Webpage:</u> <u>https://www.mass.gov/info-details/consumers-frequently-asked-questions-about-the-lcrr-service-line-inventory</u>
- 2. A <u>spreadsheet</u> on the <u>How to Find a Certified Laboratory for Drinking Water Webpage</u> with labs that consumers can send their drinking water samples to test for lead: <u>https://www.mass.gov/how-to/find-a-certified-laboratory-for-water-testing</u>
- 3. The Service Line Inventory Consumer Notification Guide, presented by MassDEP Drinking Water Program video, which explains to consumers what their Consumer Notice is and how to read it! This video walks consumers through the notice: <u>https://youtu.be/21gs7FQqoX8?si=YGO\_UjRfQZvXNEjL</u>. Add this video link,

this tiny url: <u>https://tinyurl.com/MA-Service-Line-CN-Video</u>, or a QR Code to your notices, or your lead in drinking water webpage(s)!

MassDEP DWP recommends that PWS look at these materials and consider including them in their consumer notices. Please also make sure your contact information is clearly included for consumers. If you've created a new webpage with lead and copper/SLI information, make sure the link or a QR code is prominently displayed for your consumers.

## Does Your PWS Have Success Stories with Service Line Outreach Programs?

Does your PWS have success stories with reaching out to consumers regarding their lead, galvanized requiring replacement (GRR), or lead status unknown service lines? Has your PWS had success by offering positive incentives, or negative actions, to increase consumer participation in identifying/replacing their service line?

Has your PWS created an outreach program to reach out to consumers, and what was successful, versus what was not?

MassDEP DWP is interested in hearing your stories! Your success with consumer outreach can help other PWS to conduct their outreach preparing for the LCRI. Please share your stories with MassDEP DWP by emailing them to program.director-dwp@mass.gov, subject: SLI Outreach.

Your stories and success will be extremely helpful to create guidance in the future for PWS to create and update their own SLI consumer outreach programs.

## LCRR Required CCR Changes Going Forward

Have you updated your Consumer Confidence Report (CCR) with the newly required Lead and Copper language and information that needs to be included starting this year (2025)?

#### For this year (2025) and going forward, your CCR must include the following:

- Range of Tap Sampling Results
- A Statement that a Service Line Inventory (SLI) was prepared and instructions on how to access it (even if it only consists of a statement that there are no Lead, GRR, or Unknown service lines)
- Modified Informational Statement on Lead (per LCRR requirements)
  - "Lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. [NAME OF UTILITY] is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and your family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water. If you are concerned about lead in your water and wish to have your water tested, contact [NAME OF UTILITY and CONTACT INFORMATION]. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <a href="http://www.epa.gov/safewater/lead.">http://www.epa.gov/safewater/lead.</a>."
- Modified Health Effects Language for Lead
  - While PWS are required to use the LCRR health effects language, MassDEP DWP strongly encourages PWS to begin using the LCRI health effects language now instead of the LCRR health effects language, as this language is more protective of public health. Note that PWS using LCRI

language will be considered in compliance, as the LCRI language is more stringent than the LCRR language.

• **LCRI Language:** "There is no safe level of lead in drinking water. Exposure to lead in drinking water can cause serious health effects in all age groups, especially pregnant people, infants (both formula-fed and breastfed), and young children. Some of the health effects to infants and children include decreases in IQ and attention span. Lead exposure can also result in new or worsened learning and behavior problems. The children of persons who are exposed to lead before or during pregnancy may be at increased risk of these harmful health effects. Adults have increased risks of heart disease, high blood pressure, kidney or nervous system problems. Contact your health care provider for more information about your risks."

Remember that due to the CCR Rule Revisions and LCRI, CCR language requirements will change for the CCR sent after 1/1/2027 and 11/1/2027. Save these dates and keep an eye out for those updates as we get closer to 2027! Refer to the EPA Comparison Chart for the current CCR and revised CCR (requirements start 1/1/2027): <u>Reference Sheet: Consumer Confidence Report Rule Revisions Comparison</u>. (Remember, this does not account for LCRI changes in November 2027).

# IMPORTANT NOTICE Regarding Predictive Modeling and Statistical Analysis!

All Massachusetts COM and NTNC PWS should note that MassDEP is currently in the process of reviewing the <u>MassDEP DWP Statistical Analysis and Predictive Modeling Guidance</u>, based on the initial SLIs submitted which used statistical analysis and/or predictive modeling.

Please continue to read the biweekly *In the Main Newsletter* editions for any future updates on the status of the MassDEP DWP Statistical Analysis and Predictive Modeling Guidance. In addition, MassDEP DWP will provide updates to all NTNC and COM PWS via direct email when the new guidance is available.

### **EPA LCRI Resources**

The EPA has a <u>webpage</u> dedicated to the LCRI, available here: <u>https://www.epa.gov/ground-water-and-drinking-water/lead-and-copper-rule-improvements</u>

EPA has also released a variety of <u>LCRI Supporting Materials</u>, including fact sheets and technical documents: <u>https://www.epa.gov/dwreginfo/lead-and-copper-rule-improvements-supporting-materials</u>.

## MassDEP/DWP Contacts

For all questions on LCR, LCRR and LCRI, please contact the Drinking Water Program at program.directordwp@mass.gov .



# Lead in Schools and Childcare Facilities Drinking Water Update

# Water-Smart Program Update

Water-Smart (formally known as the Expanded Assistance Program) provides free analysis of lead drinking water samples and technical assistance to eligible public and private schools and early education and childcare facilities

(EECFs) by assisting with sampling, results interpretation, and guidance on remediation actions. The program is funded by a grant from the Water Infrastructure Improvements for the Nation (WIIN) Act from the U.S. Environmental Protection Agency and the Massachusetts Clean Water Trust.

Currently, 1120 schools and EECFs are participating in the program and 982 (88%) of participating facilities are within environmental justice communities. To date, 1025 schools and EECFs have completed testing. Of facilities that have tested and received results, 681 (66%) had one or more lead detections.

Do you know of any schools or childcare facilities that could benefit from the Water-Smart Program? Please identify and encourage schools and childcares within your service area to participate in the program. Eligible facilities may apply for assistance at: <u>https://tinyurl.com/Water-SmartProgram</u>.

# Improving Conditions Lift Drought in Three Massachusetts Regions

On **May 20, 2025**, the Executive Office of Energy and Environmental Affairs (EEA) has downgraded the drought declaration in the Connecticut River Valley, Western, and Northeast Regions from Level 1 – Mild Drought to Level 0 – Normal Conditions. The Islands and Southeast Regions remain at a Level 1 – Mild Drought. The Cape Cod Region remains at a Level 2 – Significant Drought. Recent rains have provided relief from drought conditions, but more precipitation is still needed to restore water system and groundwater levels.



Level 1 ("Mild Drought") and Level 2 ("Significant Drought") drought declarations require detailed monitoring of drought conditions; continued coordination among state and federal agencies to advance the implementation of water use restrictions; and engagement with municipalities, including local Boards of Health, to provide technical outreach and assistance to water suppliers and affected municipalities.

Below is a list of resources for communities to use related to drought outreach and education, water conservation, and drought status monitoring.

• The **Massachusetts Drought Dashboard** provides regularly updated maps monitoring drought conditions across the state. The dashboard can be accessed at <a href="https://www.mass.gov/info-details/massachusetts-drought-resources">https://www.mass.gov/info-details/massachusetts-drought-resources</a>.

- The **Drought Alert Flyer** provides information about current drought conditions and how communities across the state can help promote water conservation, fire prevention, and drought preparedness. The most recent Drought Alert flyer is posted at <u>https://www.mass.gov/info-details/drought-tips-tools-resources#drought-alerts-</u>.
- The **Drought Management in Massachusetts** webpage includes several recommendations for residents, businesses, and communities during Level 1 and Level 3 droughts related to water conservation and fire prevention. These tips can be found at <u>https://www.mass.gov/guides/drought-management-in-massachusetts</u>.
- The **Water Resources Toolkit** offers many examples of outreach materials for communities to use related to droughts. These resources can be downloaded at <a href="https://www.mass.gov/info-details/water-resources-toolkit-library-of-outreach-materials">https://www.mass.gov/info-details/water-resources-toolkit-library-of-outreach-materials</a>.
- Utilities are encouraged to develop a **Drought Management Plan** to identify preparedness, monitoring, response, and outreach procedures related to droughts. The Drought Management Plan guidance can be found at <a href="https://www.mass.gov/doc/massachusetts-drought-management-plan/download">https://www.mass.gov/doc/massachusetts-drought-management-plan/download</a>.
- Information for **private well owners** can be found at <u>https://www.mass.gov/info-details/information-for-private-well-owners-during-a-drought</u>
- Previous issues of In the Main include additional resources related to drought preparedness and response resources. Previous issues of In the Main can be found at <u>https://www.mass.gov/lists/communication-to-public-water-suppliers</u>.

# Emergency Response Reminder: Public Notification and Communication During Emergencies

All Public Water Systems (PWS) in Massachusetts are required to have an Emergency Response Plan (ERP) in accordance with 310 CMR 22.04(13) and the Guidelines for Public Water Systems Chapter 12: Emergency Response Planning and Appendix O: Handbook for Water Supply Emergencies. MassDEP DWP reminds PWS that they must include in their ERP the following provisions:

- Procedures for notifying the Department and other regulatory agencies, the news media, and consumers of the Emergency and the actions, if any, consumers should take during the Emergency, including the use of personal protective equipment, if necessary, and water-use guidelines or restrictions (310 CMR 22.04(13)(b)(2))
- Procedures for communication, including a clear outline of the lines of communication among system personnel and between the water supplier and local, state and federal officials and the public (310 CMR 22.04(13)(b)(3))

It is critical to have communication procedures and specific language prepared and pre-approved (if required) so that in the event of an emergency, PWS can deploy their ERP procedures immediately and minimize time delays, miscommunication, and misinformation.

## Communication with MassDEP

Depending on the type of emergency or incident, PWS must notify MassDEP within either 2 hours or 24 hours of the system obtaining knowledge of a potential or actual emergency by calling their MassDEP Regional office (during working hours) or MassDEP's 24-hour emergency notification telephone number at 1-888-304-1133. Potential or actual emergencies requiring 2-hour notification are identified in 310 CMR 22.15(9)(b)1. Other potential or actual emergencies requiring 24-hour notification are identified in 310 CMR 22.15(9)(b)2.

# **Public Notification**

MassDEP DWP reminds PWS of the Public Notification (PN) requirements for notifying the public of all emergencies that include violations of the drinking water regulations (310 CMR 22.16). If a "Do Not Drink," "Boil Water," or "Do Not Use" notice is required, the public notice process should be initiated immediately upon determination by

MassDEP, local public health authority, or emergency authority; the process must comply with the public notification and reporting requirements of 310 CMR 22.00.

In particular, **Tier 1 PNs**, which are required for violations and situations with significant potential to have serious adverse effects on human health as a result of short-term exposure, **require PWS to provide public notice to their impacted consumers within 24 hours of learning of the emergency**. During this 24-hour period, PWS must also contact and consult with their MassDEP Regional Office to determine any additional PN requirements.

MassDEP DWP strongly recommends that PWS have all outreach materials prepared and pre-approved as part of their ERP so that in an emergency, these resources can be quickly customized and disseminated to all relevant parties.

PWS must distribute PNs to all consumers impacted by the emergency. This may include consumers outside the PWS's town boundaries if the PWS serves residents in neighboring communities. PWS must include in their PNs and other communication specific information about the service area impacted by the emergency, especially if part of the service area is located in neighboring communities. For example, PWS should mention any specific streets, housing developments, or other related residential areas outside of their town boundaries that are affected by the emergency. This can prevent misunderstandings that an entire neighboring town is affected by the emergency in the PWS's specific town.

Public Notification Forms and Templates can be downloaded from the MassDEP website at <u>https://www.mass.gov/lists/public-notification-forms-and-templates</u>. If PWS opt to use their own templates or language for public notification, they must obtain pre-approval from their MassDEP Regional Office prior to the dissemination of these documents.

The Public Notification Fact Sheet can be accessed at <u>https://www.mass.gov/info-details/fact-sheet-drinking-water-public-notification</u>. The Public Notification FAQ page can be accessed at <u>https://www.mass.gov/info-details/faqs-drinking-water-public-notification</u>.

## Water Utility Resilience Program (WURP) - Service Area Mapping

It is critical for PWS and MassDEP DWP to know the extent of the PWS's service area so that in an emergency, the PWS can estimate the extent of their service area that is impacted by the emergency. PWS have a regulatory requirement to "develop, update and maintain maps and any relevant associated databases of their water system distribution system that include locations of wells, surface water intakes, treatment facilities, pumping stations, storage tanks, hydrants, direction of flow, pressure zones, sample collection points and other information, such as piping materials and pipe sizes" (310 CMR 22.19(6)).

MassDEP DWP partners with the Water Utility Resilience Program (WURP) to collect and consolidate information on the geographic extent of PWS distribution systems (i.e. service areas). WURP is a collaborative effort across MassDEP to improve the availability of map products from water utilities. WURP provides community public drinking water systems (COM PWSs) and publicly-owned treatment works (POTWs) with technical assistance to develop or update geographic information system (GIS) datasets and critical infrastructure maps. As part of this effort, WURP also develops and maintains statewide service area maps to depict the geographic area served by publicly or privately owned drinking water or sanitary sewer utilities. The utility-level critical infrastructure maps and the statewide service area maps are designed to enhance critical infrastructure resilience planning, asset management planning, and climate change adaptation.

In the past few years, WURP has assisted PWS in bringing their distribution system information into a digital format as part of their program Enhancing Resilience and Emergency Preparedness of Water Utilities Through Improved Mapping. In September 2024, WURP published a new MassGIS Data Layer which shows the estimated extent of

PWS's service areas. The data can be accessed and viewed at <u>https://www.mass.gov/info-details/massgis-data-massdep-water-utility-resilience-program-mapping-project</u>.

MassDEP DWP reminds PWS to regularly review and update as needed their distribution maps and service area boundaries. MassDEP DWP may request to see PWS' distribution maps during Sanitary Surveys or at other times as deemed necessary by MassDEP DWP. Additionally, PWS should inform WURP if their service area boundaries change so that WURP can update their MassGIS dataset with the most up-to-date information.

## Additional Resources

- MassDEP Regulations 310 CMR 22: <u>https://www.mass.gov/doc/310-cmr-2200-the-massachusetts-drinking-water-regulations/download</u>
- MassDEP Guidelines for Public Water Systems Chapter 12: Emergency Response Planning: https://www.mass.gov/doc/guidelines-for-public-water-systems-chapter-12-emergency-response-planningo/download
- MassDEP Guidelines for Public Water Systems Appendix O: Handbook for Water Supply Emergencies: https://www.mass.gov/doc/guidelines-for-public-water-systems-appendix-o-handbook-for-water-supplyemergencies-o/download
- MassDEP Emergency Response for Public Water Systems: <u>https://www.mass.gov/lists/emergency-response-for-public-water-systems</u>
- MassDEP Public Drinking Water System Operations Emergency Response & Public Notification: <u>https://www.mass.gov/info-details/public-drinking-water-system-operations#emergency-response-&-public-notification-</u>
- Water Utility Resilience Program (WURP): <u>https://www.mass.gov/info-details/water-utility-resilience-program</u>

# MA WARN - For Water and Wastewater Systems

The Massachusetts WARN (Water/Wastewater Agency Response Network) authorizes public water and wastewater systems to send and receive rapid mutual aid and assistance to and from other public systems in Massachusetts to restore services damaged or harmed by natural or man-made incidents. Public utilities sign the MAWARN standard agreement, which allows them to share resources with other public systems in Massachusetts that have also signed on as well.

# **Benefits of Participating:**

- No cost nor commitment to joining MAWARN, as assistance is provided on a voluntary basis only. Responding or providing resources are optional choices.
- Eligibility for Federal Emergency Management Agency (FEMA) disaster reimbursement- In case of Federally declared emergency (dependent upon pre-existing mutual aid/assistance agreement)
- Developed, managed, and ran by water and wastewater systems, specifically designed to help systems give and receive aid
- Access to database of same state member utilities, such as a contact person's name/information or utility resources
- Since MAWARN does not require a state disaster declaration, systems can request and receive needed resources much quicker

# Membership

MAWARN is available to all public water and wastewater systems in Massachusetts. Participation is voluntary, and is not required by any local, state, or federal regulation. As stated, there is no participation fee. Currently, MAWARN has 119 members. To reach out to MA WARN, please contact Kristen King at <u>kking@newwa.org</u>, or at 508-893-7979.

## Additional Resources:

- <u>Massachusetts Water/Wastewater Agency Response Network MaWARN</u>
- <u>MA-WARN Brochure Revised DEC 2007.indd</u>
- <u>MA WARN SOPs</u>
- MA WARN FINAL September 2007

# Water Treatment Career Awareness Night at Bristol Community College

Date: Thursday, June 5, 2025 Time: 6:00 – 8:00 pm Location: Bristol Community College, Fall River Campus, Building L Room 101

Looking for a new career with great pay and benefits? Looking for a role that plays a critical role in public health and contributes to your community?

Attend this Water Treatment Career Awareness Night at Bristol Community College to learn more about careers in drinking water and wastewater! Hear from a panel of industry professionals about the current demand for Wastewater Treatment and Drinking Water Treatment Operators and learn about how to become certified in the field.

Register for this event online at <u>https://forms.office.com/r/ZAbXYEADGY</u>.

# EC-SDC Grant Awardees Training Webinar

# Emerging Contaminants in Small or Disadvantaged Communities Grant Program

On Tuesday, May 13<sup>th</sup>, 2025, MassDEP DWP hosted a **Grant Awardees Training Webinar** for **all current EC-SDC grant awardees**. This training provided an overview of the grant requirements, including recent changes to the contract process. Additional topics included permitting, invoice submission and final project reporting. Technical Assistance available to all PWSs was also discussed. You can view the training portion of the webinar on the <u>MassDEP YouTube</u> channel, here: <u>https://youtu.be/qQq54JsbNkl</u>

Visit the **MassDEP Drinking Water Program's Emerging Contaminants in Small or Disadvantaged Communities** <u>Grant</u> page for more information about the grant program. To learn more about the communities that have received these grants, visit MassDEP's <u>EC-SDC Grants Map</u>.

# Fluoridation in Massachusetts Drinking Water

# June 2025 update

Based on the consensus of scientific literature, the Massachusetts Department of Public Health (DPH) continues to recommend that municipalities amend the levels of fluoride in drinking water to align with 0.7 milligrams per liter (mg/L) to help prevent tooth decay and promote good oral health.

DPH will continue to monitor the consensus of the scientific community and update their recommendations if warranted to inform local community decision-making and ensure the protection of the health and safety of everyone in Massachusetts.

Massachusetts has not changed its position on water fluoridation in drinking water. It is still the position of the DPH that community water fluoridation, within the specified fluoridation standards, is a safe, cost-effective, and proven practice that promotes good oral health within our communities.

Water fluoridation is a public health practice based on a solid foundation of evidence-based research. There are many concerning claims and lots of misinformation circulating in the media and on social media regarding consumption of fluoridated water. These claims are refuted by the overwhelming evidence that supports community water fluoridation.

These responses and more are addressed in the **recently published DPH resource, "Frequently Asked Questions on Community Water Fluoridation."** To access this document, click here : <u>https://www.mass.gov/doc/community-water-fluoridation-information-for-water-operators-4/download</u> and the Fluoridation Statement: <u>https://www.mass.gov/info-details/dph-community-water-fluoridation-statement</u>

In a recent presentation to the Association of State Drinking Water Administrators, the American Dental Association (ADA) reviewed the history of fluoride use in drinking water, emphasizing its proven public health benefits. The presentation outlined both the positive impacts of fluoridation and the consequences observed in populations without access to fluoridated water. They also addressed public opposition and provided a comprehensive literature review, noting that "high-quality studies continue to confirm no adverse health effects associated with recommended fluoridation levels." To watch the presentation, click here: <a href="https://www.youtube.com/watch?v=nlSgeszo-50">https://www.youtube.com/watch?v=nlSgeszo-50</a>

The Massachusetts Department of Environmental Protection (MassDEP) Drinking Water Program (DWP) and DPH maintain a strong partnership in managing and monitoring fluoridation efforts across the state. Together, they have developed monitoring forms, standard operating procedures (SOPs), and established regular meetings to ensure consistent communication and program oversight.

Under 310 CMR 22.06, 22.06C, and 22.16(4), MassDEP-DWP approves plans, facility modifications, and monitoring requirements related to community water fluoridation. Therefore, any modifications must be reported to the Drinking Water Program.

For additional information, visit the Community Water Fluoridation Resources: <u>https://www.mass.gov/community-water-fluoridation-resources</u> or the Community Water Fluoridation Status: <u>https://www.mass.gov/info-details/community-water-fluoridation-status</u>.

# CCRs for Calendar Year 2024 are due July 1st



All community drinking water systems in in the US must make a Consumer Confidence Report (CCR) and deliver it by July 1 to all customers and state agencies.

Please see <u>https://www.mass.gov/info-details/consumer-confidence-reports</u> for guidance on making, distributing, and submitting your 2024 CCR to MassDEP.

Your CCR must be delivered to your customers, MassDEP, Mass DPH, and your local board of health by July 1 or risk compliance enforcement. Please email a PDF of your CCR Certification Form, the CCR, and any needed documentation to <u>Program.DirectorDWP@mass.gov</u> by July 1. If you need help, contact the Program Director at the above address to contact drinking water program staff to help you. You can also go to: <u>https://www.mass.gov/lists/consumer-confidence-reporting-forms-templates</u> to obtain needed forms, guides, and templates.

# Congratulations MWRA - 2025 Drinking Water Day Awards- Another excellent PWS

MassDEP would like to officially congratulate Massachusetts Water Resources Authority (MWRA) PWS ID # 600000, for their outstanding achievement this past year in drinking water quality. Please join us in thanking them for their commitment to compliance and excellence, truly going above and beyond required standards. MWRA was inadvertently left off prior 2025 Awards information. To learn more about the MWRA see <a href="https://www.mwra.com/your-water-system">https://www.mwra.com/your-water-system</a>



# Changes to the PFAS MCLs, How PWS are Impacted

# Proposed Changes to the Federal MCLs

On May 13th, EPA announced changes to the National Primary Drinking Water Regulations (NPDWR) and the Maximum Contaminant Levels (MCLs) for PFAS. EPA announced it will keep the MCLs of 4 parts per trillion (ppt) for PFOA and PFOS that were established in April 2024; however, EPA intends to rescind the regulations for PFHxS, PFNA, HFPO-DA (commonly known as GenX), and the Hazard Index mixture of these three compounds plus PFBS.

See the announcement: EPA Announces It Will Keep Maximum Contaminant Levels for PFOA, PFOS | US EPA

## How Many PWS impacted?

MassDEP evaluated the most recent PFAS testing results from PWS. Keep in mind that compliance with the MCLs is based (in the current Federal regulations) on a calculation of the Running Annual Average, so this is just a snapshot in time:

#### Analysis of Recent Sampling Results

- 163 PWS were identified as having PFOA/PFOS results > 4ppt.
- 11 PWS were identified as having PFNA/PFHxS/HFPO-DA results > 10ppt.
  - All of these systems also have PFOA/PFOS detects > 4ppt.
- 10 PWS were identified as having an HI > 1.
  - All of these systems also have PFOA/PFOS detects > 4ppt.
  - All of these systems also have PFNA/PFHxS/HFPO-DA results > 10ppt.

In conclusion, rescinding the MCLs for PFHxS, PFNA, HFPO-DA, and the Hazard Index mixture, will not change the number of Massachusetts' PWS that will need to address PFAS because any PWS that exceeded one of the rescinded MCLs also exceeded the MCLs of 4 ppt for PFOS and/or PFOA.

## Other Components of the Proposed Change

EPA's announcement included a 2-year extension of the 2029 deadline for compliance with the PFOS and PFOA MCLs until 2031. This will allow PWS more time to address PFAS and if necessary, obtain funding to construct treatment facilities or connect to alternative sources of water.

Another element of EPA's announcement is that they plan to establish a federal exemption framework for the PFAS regulations. No details have been provided yet on this framework.

EPA plans to issue a proposed rule this fall and finalize the rule in the Spring of 2026.

# Drinking Water Trivia!

Tickle your brain and test your knowledge on drinking water related information. In each issue, we will ask 1-3 questions and provide the answers somewhere else in the newsletter to encourage your sleuthing skills.

# Chromium is a naturally occurring element that has multiple oxidation states. Which one is a toxic compound?

- A. +2
- B. +3
- C. +4

D. +6

## How much does 1 gallon of water weigh?

- A. 1.5 pounds
- B. 5.25 pounds
- C. 8.34 pounds
- D. 10 pounds

Check out the other articles while looking for the answer. If you would like to send in a Trivia question or two, please email the question and answer to <u>pdirector-dwp@mass.gov</u>, Subject DWP Trivia.

# Training Calendar

When you need training, please look at the training calendar located at: <u>http://www.mass.gov/eea/agencies/massdep/water/drinking/drinking-water-training-class-schedules.html</u>.

## Board of Certification Training Page and List of Approved Courses

You may also want to go to the Board of Certification of Operators of Drinking Water Supply Facilities Operators training page and view the approved education courses to sit for examination. Go to: <u>https://www.mass.gov/info-details/board-of-certification-of-operators-of-drinking-water-supply-facilities-approved-education-courses-to-sit-for-examination</u>

### Some Newly Added Trainings on the Calendar

#### TDC425AT: DISINFECTION WITH CHLORINE

#### Tuesday, June 3, 2025; 8:30 a.m. – 3:30 p.m. ET; Holliston

This introductory course will present an overview of disinfection of drinking water using chlorine. Participants will develop an understanding of using chlorine in the disinfection process, other available disinfection options, and the importance and methods of controlling disinfection byproducts. A brief description of how to use AWWA Disinfection Standards will be covered. Also included will be a series of demonstrations that will show how to utilize chlorination equipment, chlorine testing kits, the gas leak repair kits, and understand the properties of chlorine. \$195 member / \$355 non-member. Register here

#### DVO425AT: HANDS ON VALVE OPERATION AND MAINTENANCE

#### Wednesday, June 4, 2025; 8:30 a.m. – 3:30 p.m. ET; Holliston

This course will instruct you in the proper procedures for inspecting, testing, and maintaining mainline distribution valves and water mains. It will also examine the fundamentals of valve and main maintenance and detail effective maintenance management procedures with the focus on optimal operation of the distribution system. The course will also feature a hands-on instructional component where participants tear down each type of valve. \$195 member / \$355 non-member. Register here

# Ask Me Anything! State Revolving Fund (SRF) Technical Assistance & Open Office Hours: How Do I Prepare a Financial Review?

#### Wednesday, June 4, 2025; 11:00 a.m. – 1:00 p.m. ET; webinar

Ask Me Anything SRF Office Hours will expand your knowledge and enhance your ability to navigate the SRFs. These sessions are tailored for state agencies, utility operators, and stakeholders who support water infrastructure projects. Each session will feature a specific theme, providing clarity, strategies, and practical insights for preparing and managing an SRF funded project. Participants can attend all sessions or select those that best meet their needs. Submit your questions in advance or bring them to the session for real-time support from our experts. <u>Register here</u>

#### **Extreme Heat and Worker Safety**

Wednesday, June 4, 2025; 1:00 – 2:00 p.m. ET; webinar

This webinar, hosted by the Massachusetts Asthma Action Partnership (MAAP), will explore the growing risks posed by climate change and strategies to protect worker safety. Representatives from the Bureau of Climate and Environmental Health (BCEH) will discuss their Extreme Heat tools, guidance and resources, including the newly launched <u>Massachusetts Unhealthy Heat Forecast</u> designed to support clinicians, residents, and communities stay informed with real-time heat forecasts and community resources to help you plan, prepare, and respond to unhealthy heat in Massachusetts. <u>Register here</u>

#### Essential Policy Updates from AWWA's DC Office: Second Quarter - PFAS and LCRI

Wednesday, June 4, 2025; 1:00 – 2:30 p.m. ET; webinar

There are two significant rulemakings on everyone's radar: PFAS and LCRI (Per- and Polyfluoroalkyl Substances and Lead and Copper Rule Improvements). Deadlines are rapidly approaching, and this webinar will focus on opportunities for and challenges to prepare to comply. \$75-member, \$120-nonmember. <u>Register here</u>

#### SOC425AT: OSHA 10 HOUR CONSTRUCTION SAFETY TRAINING: EARN YOUR 10 HOUR CARD

Wednesday, June 4 to Thursday, June 5, 2025; 8:30 a.m. – 3:30 p.m. ET; Holliston Safe work practices at any utility are a must. Whether establishing a new safety program or guiding a mature one, staff professionals are required to provide equipment and training commensurate with OSHA standards. In Massachusetts, new legislation REQUIRES water system employees working on a construction site to complete this course. Safety does not depend only on OSHA jurisdictions. It does depend on committed utility managers and adequately trained and equipped staff. This course will cover what is required by OSHA standards in essential operational areas, and provide a template for your safety efforts, whether involved in treatment, distribution, or other utility duties. Upon satisfactory completion of this course participants will receive a completion card retained on file by OSHA. \$335 Member / \$385 Non-Member <u>Register here</u>

#### DPH425AT: Basics of Pumps, Pumping, and Pump Hydraulics

Thursday, June 5, 2025; 8:30 a.m. – 3:45 p.m. ET; Holliston

This course will help participants develop an understanding of how pumps operate and how to keep them in top operating condition. Beginning with the explanation of component parts, terminology, pump types, and a basic orientation to hydraulics, sound operation and maintenance procedures will be presented throughout the day with an eye towards improving pumping results. Course goals include increased participant awareness of preventative maintenance procedures as well as troubleshooting skills. Water utility operations professionals who deal directly with their system's pumps and their operation will find this course of interest. Front-line managers who directly supervise this critical component will also find this course useful. \$195 members/ \$355 Non-members Register here

#### EPA Webinar on The Water Workforce: National Challenges & Supporting Resources

Thursday, June 5, 2025; 12:00 – 1:00 p.m. ET; webinar

This webinar will offer an overview of current workforce challenges and the 'Key Pillars' for developing an effective workforce, as described in EPA's 2024 Report to Congress on the Water Workforce. The Key Pillars provide an essential framework that can help utilities identify workforce development approaches that meet their needs. This webinar also will provide an overview of programs and resources that are available to support those needs, highlighting several currently available through the federal government and various water sector partners. Register here

#### Building Resilience in Rural Water Systems (Part 2)

Thursday, June 5, 2025; 1:00 – 2:00 p.m. ET; webinar

Rural water systems are increasingly challenged by changing weather patterns, natural disasters, aging infrastructure, and limited funding—pressing decision-makers to develop effective, resilient strategies in the face of these complex realities. This webinar, the second in a two-part series, will explore practical strategies for advancing community resilience, featuring research insights and highlighting real-world examples of successful approaches piloting by water and wastewater systems across the country. <u>Register here</u>

#### Improving Cyber Resilience Against the Rising Tide of Cyber Threats

Thursday, June 5, 2025; 1:00 – 2:30 p.m. ET; webinar

Recent headlines are a clear indicator that the bad actor sees utilities as a target for sophisticated cyberattacks. This has elevated the importance of cyber readiness for water and wastewater utilities. During this panel discussion, experts will discuss strategies for preparing for, responding to, and recovering from cyberattacks as a part of any business continuity plan. Leveraging insight from peers and a leading cybersecurity supplier to water and wastewater entities, attendees will gain advice and best practices for building a readiness plan in case of a cyber attack. Register here

#### BWM425AT: HANDS-ON INTRODUCTION TO DRINKING WATER MICROBIOLOGY

Tuesday, June 10, 2025; 8:30 a.m. – 3:30 p.m. ET; Holliston

This course will present an overview of drinking water microbiology and microbiological methods. Classroom instruction will cover bacteria, viruses and protozoa, testing techniques, and microorganism detection. Students will then participate in four facilitated laboratory workstations on basic microscopy; popular methods of sterilization; aseptic technique practice; and simple testing methods for microorganisms. \$195 members/ \$355 Non-members Register here

#### CRT425HT: BACKFLOW PREVENTION DEVICE TESTER RECERTIFICATION REVIEW TRAINING

Tuesday, June 10, 2025; 8:30 a.m. – 4:30 p.m. ET; Holliston

This course blends refresher information with hands-on testing and covers key areas of cross connection and backflow prevention control. It also incorporates a thorough hands-on review of testing procedures on various devices from different manufacturers. Students may opt to take just this course, just the practical exam, or both the course and exam (although the course is recommended for anyone wishing to take the practical exam). \$455 Training & Exam <u>Register here</u>

#### Eurofins: PFAS Navigating Analytical Method Options, Part 3

Tuesday, June 10, 2025; 1:30 – 2:30 p.m. ET; webinar

The complex chemistry of PFAS necessitates multiple analytical approaches, as no single method performs optimally across all target analytes and matrices. Since publishing Method 537 in 2008 (updated in 2018) for 18 PFAS in drinking water, the USEPA expanded its methodological framework with Method 533 in November 2019, specifically developed for shorter-chain PFAS using improved analytical techniques. These drinking water methods exhibit both important commonalities and critical differences. For non-potable water and solid matrices, EPA Method 1633A has emerged as the industry standard, analyzing 40 PFAS across all routine environmental matrices, while superseding earlier analytical approaches such as various ASTM and SW-846 methods. The Department of Defense has further strengthened analytical protocols by establishing rigorous quality assurance criteria for PFAS testing in their Quality Systems Manual (QSM). Simultaneously, environmental laboratories have developed specialized methodologies over the past two decades to analyze a broad range of PFAS in both traditional environmental samples and challenging matrices including air, biological specimens, consumer products, and food. This webinar will discuss non-targeted technologies (TOP Assay, TOF, and Non-Target Analysis) highlighting how these approaches complement established targeted methodologies for analyzing PFAS. <u>Register here</u>

#### SFP425AT: FIRE PREVENTION AND HANDS-ON FIRE EXTINGUISHER OPERATION & MAINTENANCE

Thursday, June 12, 2025; 8:30 a.m. – 3:30 p.m. ET; Holliston

This course will help participants develop an understanding of the importance of fire prevention, and especially how to operate and maintain fire extinguishers in the workplace. The morning session will cover the basics of fire theory and how a fire can spread to cause a significant risk, as well as a discussion about the importance of planning for workplace evacuation. After the morning segment, each student will have an opportunity to use each type of fire extinguisher to put out a small fire. \$195 members/ \$355 Non-members Register here

#### What to Expect When Your Wastewater Plant Is Inspected

Thursday, June 12, 2025; 12:00 – 1:00 p.m. ET; webinar

Description: Regulatory inspections don't have to be intimidating. Join us for this no-cost webinar with Mike Tate, a seasoned expert with 35 years of experience inspecting wastewater treatment facilities. You'll get an inside look at how inspections are conducted, why certain areas receive special attention, and how to prepare with confidence.

Gain practical insights to reduce stress, strengthen compliance, and ensure your facility is inspection-ready. Presenter: Mike Tate, PE, Project Associate, Environmental Finance Center at Wichita State University <u>Register here</u>

#### EPA's Flood Cleanup Resources: Promoting Community Resilience through Risk Communication

Wednesday, June 18, 2025; 3:00 – 4:00 p.m. ET; webinar

After a flood, affected residents often want to assess the condition of their homes and businesses, get rid of debris and muck, and repair damaged property—however, flooded buildings contain potential health risks. Getting information to the public after a disaster about what these health risks are and how to avoid them can be difficult. EPA's Office of Research Development and Region 4 (Southeast) used the EPA's risk communication framework and human-centered design techniques to figure out what information people affected by a flood need and how they make cleanup decisions. They used this input to create a website on how to safely clean out and fix up flooded homes. The website contains short how-to videos with step-by-step instruction from safely entering a flooded building to mold remediation techniques. The public can use this website to reduce hazards in the home after a flooding event to protect their health. It helps communities recover as quickly and safely as possible. The webinar will review the risk communication and human-centered design strategies used to develop the <u>Flooded Homes</u> <u>Cleanup Guidance website</u> and provide an overview of the website and its key features. <u>Register here</u>

#### MassDEP

#### Previous Cybersecurity Trainings now on YouTube:

- Basic Cybersecurity Measures for Water Utilities: <u>https://youtu.be/78v3eAyf1yE</u>
- o Ransomware Experiences, Defense, and Response: <u>https://youtu.be/eisIsdQnXqE</u>

#### Environmental Finance Center Network

For a complete list of trainings webinars and in-person trainings please go to: <u>https://efcnetwork.org/training-events/</u>

#### • EPA

For a complete list of trainings, webinars and in-person trainings, please go to: <u>https://www.epa.gov/dwreginfo/drinking-water-training</u>.

#### • Mass Rural Water Association

For a complete list of trainings, webinars and in-person trainings, please go to: <u>https://www.massrwa.org/p/14/Trainings—Events</u>.

#### • MWWA

For a complete list of trainings, webinars and in-person trainings, please go to: <u>MWWA Calendar</u>

#### • NEWWA

For a complete list of trainings, webinars and in-person trainings, please go to: <u>https://communityhub.newwa.org/nc\_\_upcomingevents</u>.

#### Water ISAC

For a complete list of trainings, webinars and in-person trainings, please go to: <u>https://www.waterisac.org/resources</u>.

#### RCAP Solutions

For a complete list of trainings, webinars and in-person trainings, please go to: <u>https://www.rcapsolutions.org/events/</u>

• AWWA

## **Training Refresher**

If you need a refresher on recently given trainings, you can review several training videos located at: <u>https://www.youtube.com/playlist?list=PLJn2AKOcYr7lutGJB-UfDKtQPF\_o\_249m</u> or click here: **YouTube** 

To subscribe to the *In The Main Newsletter*, send a blank email to join-dep-dwp-subscribers@listserv.state.ma.us. MassDEP is sending this important drinking water information to all PWS responsible persons who are listed on the state database. If you are no longer the correct responsible person for the PWS please reply with the correct contact information. MassDEP needs one responsible contact person from each PWS. Operators, consultants, and others who are interested in Drinking Water Program updates are encouraged to request to be subscribed to this email list. To subscribe to the *In The Main Newsletter*, send a blank email to join-dep-dwp-subscribers@listserv.state.ma.us</u>. This MassDEP Program Director technical assistance email is funded by the Safe Drinking Water Act Assessment (Section 70) Program. The Assessment is paid by all consumers of public water in Massachusetts and is collected by public water systems. For more information about the Assessment Program, go <u>https://www.mass.gov/service-details/safe-drinking-water-act-assessment-advisory-committee-section-70-committee</u>.

# Cybersecurity, Emergency Preparedness, and You!

2025-05-30

#### PLEASE SHARE THIS CYBERSECURITY INFORATION WITH YOUR SCADA & INFORMATION TECHNOLOGY STAFF

For additional information and alerts see <u>Cybersecurity Resource Hub for MA Public Water Systems (PWS)</u>. The purpose of this hub is to provide resources for public water systems (PWS) to improve cybersecurity defenses, mitigate cyber-attack risks, and enhance overall resiliency and compliance.

# Cybersecurity Biweekly Spotlight

#### Reminder: Free MassDEP/DWP & EPA Training- Cybersecurity Overview and Tabletop Exercise (In- person, 3 TCHs)

The 3-hour training is an interactive, scenario driven discussion which allows participants to learn cybersecurity best practices and exercise cybersecurity incident response plans.

#### When: Thursday, June 12, 2025

**Time:** 8:30 am – 12:00 pm (ET)

Where : Karl Weiss Education & Conf. Center 75 North Street, Westborough, MA

TCHs: 3 TCHs

**REGISTRATION LINK:** <u>https://www.eventbrite.com/e/cybersecurity-overview-and-tabletop-exercise-for-massachusetts-utilities-tickets-1290334578459?aff=oddtdtcreator</u>

#### **Grants and Funding**

The Drinking Water State Revolving Fund in partnership with MassDEP/DWP, is offering grants funds of **up to \$50,000**, to PWSs that have a cybersecurity risk assessment and use operational technology equipment with an identified cybersecurity risk. Details here: <u>Public Water Suppliers Cybersecurity Improvements Grant Program</u> <u>Mass.gov</u>.

#### **NEW Critical Infrastructure Security Updates:**



- Researchers at Cisco Talos have observed exploitation of <u>CVE-2025-0994</u>, a remote code execution (RCE) vulnerability in Cityworks software, by a Chinese advanced persistent threat known as UAT-6382.
- Trimble Cityworks is a GIS-centric asset management and community development software used by local governments, utilities, and public agencies to manage infrastructure. It helps organizations track and maintain assets, streamline permitting, and optimize operations using Esri's ArcGIS mapping technology (source Trimble & <u>Bleeping computers</u>)
- The hacking group (UAT-6382) behind this campaign used a Rust-based malware loader designed to backdoor compromised systems and provide long-term persistent access, as well as web shells and custom malicious tools written in Chinese.
- If you have not yet addressed this vulnerability, please act accordingly. Full article <u>here</u>.

#### WaterISAC- 12 Cybersecurity Fundamentals for Water and Wastewater Utilities

• WaterISAC recently released the consolidated 12 Cybersecurity Fundamentals for Water and Wastewater Utilities, which were updated in 2024. Access/download the guide <u>here</u>.

#### **Reminders**

# Self-Paced Course on Basic Cybersecurity Measures for Water and Wastewater Systems in Massachusetts (Massachusetts Board of Certification Approved for 1 TCH)

- Participants will learn about water sector threats, basic cybersecurity measures, incident response, system resilience, and valuable resources, with the goal of fostering a culture of cybersecurity within their organizations.
- Enroll Here for Free: https://classes.wateroperator.org/courses/cybersecurity

#### 2025 Sanitary Surveys and Cybersecurity

**Is your PWS scheduled for a sanitary survey in 2025?** If your PWS is scheduled for a sanitary survey in 2025 MassDEP/DWP will inspect your cybersecurity assessment findings and plans during the upcoming sanitary survey cycle. Any findings will be incorporated in a separate action plan and your PWS will receive technical assistance to assist you to address the findings. Please remember all cybersecurity information is considered as sensitive information and must be kept confidential. If you have any questions on this information, you may also contact the Drinking Water Program at program.director-dwp@mass.gov.

#### Have you completed a cybersecurity assessment for your PWS? If not, sign up free today! Register for a free cyber assessment with simple steps by using the following link: <u>https://www.epa.gov/waterresilience/forms/epas-water-sector-cybersecurity-evaluation-program</u>.

# All PWS are required to have a cybersecurity plan/program and complete a cybersecurity assessment as part of their Emergency Response Planning (ERP) responsibilities.

**Please Note:** MassDEP includes cybersecurity checks in capacity evaluations for PWS for DWSRF grant and loans and during or after sanitary surveys or as needed. In addition, the DWSRF program encourages cybersecurity assessments through its Asset Management Planning Grant activities, as well as offers financing for cybersecurity related equipment and software. See details here <u>https://www.mass.gov/state-revolving-fund-srf-financial-assistance-program</u>

## **Supply Chain Reminders**

PWSs are reminded to implement the steps identified by DWP at <a href="https://www.mass.gov/doc/steps-to-prepare-your-public-water-system-for-supply-chain-disruptions/download">https://www.mass.gov/doc/steps-to-prepare-your-public-water-system-for-supply-chain-disruptions/download</a> and keep MassDEP/DWP informed of all Supply Chain issues.

#### **Tools and Resources:**

• <u>EPA Chemical Supplier and Manufacturer Locator Tool</u>: This tool allows water and wastewater utilities to search for suppliers and manufacturers across the U.S. that may be able to fulfill their chemical supply needs and increase resilience to supply chain disruptions. This tool can also be useful for finding alternative chemical suppliers in the case of supply chain shortages.

Answer: D, C