

National Cyber Drill

Title: EPA National Water and Wastewater Sector Cybersecurity Drill

Registration Link: https://gdit.zoomgov.com/meeting/register/l45As-8vRAKnBOK1wBckLA?utm_medium=email&utm_source=govdelivery#/registration

Exercise Date:

- Tuesday, May 27, 2025

Introduction & General Description: EPA's Water Infrastructure and Cyber Resilience Division (WICRD) is hosting a Water and Wastewater Sector Cybersecurity Drill for drinking water and wastewater utilities to test their emergency response plans, assist utilities in testing their ability to identify, report, and respond to cyberattacks, and increase awareness of the potential damage that can be caused by a cybersecurity attack on an operational technology (OT) system.

Course Objectives:

1. Highlight free resources that utilities can leverage to increase their cyber resilience and enhance their cybersecurity posture.
2. Increase awareness of the potential damage that can be caused by a cybersecurity incident on an OT system.
3. Assist utilities in exercising their incident response plans for two of the most common cybersecurity attacks: phishing and ransomware.
4. Provide utilities with the opportunity to test their ability to prepare for, respond to, and recover from a cybersecurity attack.

Course Format and Procedures:

- Format: Virtual Exercise (Instructor Led)
- Training Date: May 27, 2025
- Duration: 2:00:00
- Procedures:
 - o Register
 - o Attend Training via training link
 - o Answer all poll questions
 - o Remain in training for entire duration.
 - Final poll question is at the end of training session.

Course Agenda:

- 1.) Introduction (1:00 – 1:05pm)
- 2.) Phishing Drill Review (1:05 – 1:15pm)
 - a. Polling Questions to identify results of test
- 3.) Water Sector Cybersecurity Overview (EPA) (1:15 – 1:25pm)
- 4.) Guest Presenter (FBI) (1:25 – 1:35pm)
- 5.) Guest Presenter (CISA) (1:35 – 1:45pm)
- 6.) Ransomware Drill

- a. **Manual Operation Ransomware Drill (1:50 – 2:50pm)**
- b. **Tabletop Exercise Ransomware Drill (1:50 – 2:50pm)**

Presenter Biographies:

- **Brandon Carter: Cybersecurity Lead with USEPA (MAIN)**
 - o Brandon Carter is a Sr. Cybersecurity Specialist with the U.S. Environmental Protection Agency - Water Infrastructure & Cyber Resilience Division, with over 20 years of experience in evaluating and enhancing the security posture of IT systems. Brandon possesses a M.S. in Information Systems Management and a B.S. in Computer Science. Brandon takes pride in doing his part in enhancing cyber resiliency and protecting the water and wastewater systems sector from cyber threats. In addition to emphasizing the adoption of basic cyber hygiene principles, he has learned that one of the most effective forms of protection is educating users on their role in keeping their information technology and operational technology systems secure.
- **Vijal Pancholi: Cybersecurity Specialist with USEPA (MAIN)**
 - o Vijal Pancholi is a member of EPA's Water Infrastructure and Cyber Resilience Division's Cybersecurity Branch. He currently holds a bachelor's degree in Computer Networks and Cybersecurity and uses his knowledge to help the Water Sector increase their cyber resilience through webinars and outreach.

Attendance Verification and Retention of Attendance Records (Same as Course Completion):

- Attend Virtual Webinar Course (Instructor Led)
 - Answer Poll Questions
 - Final Poll Question is at the end of the training to ensure participant attendance.
 - Attendee must register with the following information:
 - Name (first and last)
 - Email
 - Utility Name
 - State
 - Attendance records are kept by training date.

Criteria of Course Completion (Same as Attendance Verification):

- Attend Virtual Webinar Course (Instructor Led)
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Sample Certificate of Completion: (Attached)