

# **Cybersecurity for Water and Wastewater Professionals**

## **NEW COURSE!**

Cybersecurity vulnerabilities are now the most prevalent threat to the operation and sustainability of drinking water and wastewater service providers in the United States. USEPA, FBI and other agencies report that our systems are among the highest profile targets in the nation. Each month brings thousands of attempts at intrusions. Some recent attempts have been successful. They have disrupted service, damaged infrastructure and endangered public health.

During this course, we will discuss the threat landscape, emphasize the importance of cybersecurity measures, provide information about recent intrusions and explain the steps you can take to protect your system and customers.

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**Sign-in begins at 8:00 am**

**Session begins at 8:30**

**Dismissal is at Noon**

### **I. Introduction – 25 mins.**

- A. Welcome and Introductions - 10 minutes
- B. Purpose of the Presentation - 5 minutes
- C. Importance of Cybersecurity in Water and Wastewater Systems - 10 minutes

### **II. Cyber OT Cybersecurity Threats - 60 mins.**

- A. Definition of Cybersecurity OT -
- B. Common Threats Facing Water and Wastewater Systems
- C. Case Studies of Previous Cyber Attacks on Water and Wastewater Systems

### **First 15-Minute Break**

### **III. Center for Internet Security (CIS) Controls - 60 mins.**

- A. Introduction to the CIS Controls
- B. Adaptation of CIS Controls for Water and Wastewater Systems

### **Second 15-Minute Break**

### **IV. Focused Industry Insights**

### **V. Wrap Up & Conclusion - 30 mins.**

- A. Recap of Key Points - 10 minutes
  - B. Q&A Session and concluding paperwork- 20 minutes
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## **Instructors:**

### **July 10:**

Tom Brennan is a partner at Proactiv RISK. He is a Certified Ethical Hacker and has been an IT and Cybersecurity professional for over 20 years.

Jim Diecks is an Engineer for Nozomi Networks. He has an M.S. in Computer Science.

### **July 17:**

#### **Tom Brennan**

Zach Greenburg is an Inside Sales Representative for Dragos. He has a B.S. degree from the University of Maryland.

## **Dates and Locations:**

**July 10, 2024: Brooklawn Senior Community Center 101 2nd Street, Brooklawn (Camden County)**

**July 17, 2024: Mount Olive Twp. Council Room, 204 Flanders-Drakestown Rd., Flanders (Morris County).**

## **Accreditation:**

Certified for 3.0 Training Contact Hours for NJ-Licensed Water and Wastewater Operators.

TCH Course Number: 04-062401-30

Certified for 4.0 Hours (Technical) for Certified Public Works Managers.

CPWM Number: DLGS-NJWA-264

**Registration is required and available at [www.njwater.org](http://www.njwater.org).**

**No more than 4 registrants per employer.**

**Please plan to arrive at 8:00 am.**

