
INFORMATIONAL WEBINAR

Getting to Know WaterISAC



AGENDA

- Welcome and Intros
- Policy Updates
- Cyber & Physical Threat Briefing Updates
- All Items WaterISAC
- Member Portal Information

DON'T FORGET!

We are recording and
the Q&A box is open
at all times!

WHO WE ARE

The [Water Information Sharing and Analysis Center](#) (WaterISAC) is the only all-hazards security information source for the water and wastewater sector. We now serve over 520 member companies and utilities with 3,500+ active water sector personnel. Our utility members provide water and wastewater services to Americans across the nation.

- Formed over 20 years ago by the sector's leading national associations at the urging of the White House, FBI, and EPA.
- Maintain two-way communication with DHS, FBI, EPA, fusion centers, and other federal, state, and local agencies in order to help protect and share information.
- Work to advance the security of the sector through critical and direct participation of industry meetings and working groups.



HOW IT WORKS



POLICY UPDATES

- EPA's Public Water System Sanitary Surveys
 - Expansion to include cybersecurity assessments
- Cyber Incident Reporting for Critical Infrastructure Act
 - Upcoming cyber incident reporting rules
- The House/Senate Water System Threat Preparedness and Resilience Act
- Potential for broader water sector cybersecurity legislation

CYBER THREATS AND VULNERABILITIES

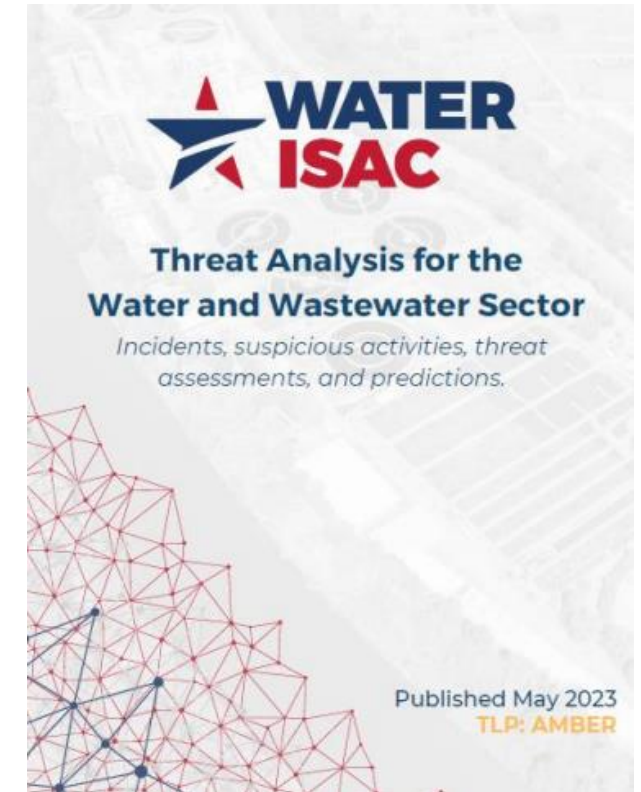
We track threats and risks, so you don't have to.

Examples of current/ongoing threats WaterISAC tracks:

- Living-off-the-Land tactics
- APT tools targeting ICS/SCADA
- Known Exploited Vulnerabilities

PHYSICAL INCIDENTS AND SUSPICIOUS ACTIVITIES MONITORED BY WATERISAC

- The physical threat landscape facing the water and wastewater sector today is dynamic, volatile, and complex
- Terrorists and violent extremists represent a particularly lethal and persistent threat due to their relentless desire to attack critical infrastructure, including water and wastewater systems, in furtherance of their ideological goals.



PHYSICAL THREAT ACTORS

- **Common criminals**
 - Theft
 - Minor sabotage/tampering
- **Insider Threat/Workplace violence**
 - Threat
 - Assault
- **Terrorists/extremists**
 - Assault
 - Sabotage/tampering
 - Contamination

High
Probability

Low
Consequence

Low
Probability

High
Consequence



PHYSICAL SECURITY RESOURCES

- WaterISAC
 - Contaminant database
 - WaterISAC Publications
 - WaterISAC Webinar Archive
 - Threat and mitigation information
- EPA
 - Risk and Resilience Assessment and Emergency Response Plan Resources
 - Vulnerability Self-Assessment Tool (VSAT)
- CISA
 - Protective Security Advisor (PSA) Program
 - Infrastructure Survey Tool
 - Security and Resiliency Guide Counter-Improvised Explosive Device (C-IED)
 - Insider Threat Mitigation Resources

ALL THINGS WATERISAC

ALERTS



Stay in the know! We are in constant communication with CISA, DHS, EPA, FBI, and other government agencies to ensure members receive timely and actionable alerts.

ANALYSIS



Provide quarterly and annual reports analyzing cyber and physical incidents around the nation.

NEWSLETTERS



Twice-weekly newsletters, Security & Resilience Updates (SRU) curated by our analysts to provide focused content and best practices.

RESOURCES



Access to over 12,000 security resources for the water and wastewater sector.

CHAMPION PROGRAM

Champions are subject-matter experts in physical and cyber security, resilience, and emergency preparedness. They are considered leaders in their spaces and one-of-a-kind solution providers providing knowledge and resources to our members.



H2OSecCon



- ✓ 450+ Registered Attendees
- ✓ 11 Workshops and Sessions
- ✓ 34 Subject Matter Experts
- ✓ Cyber and Physical Security Tabletop Exercises

UPCOMING WEBINARS

- Monthly Cyber Threat Briefing
IT/OT Convergence: The Good, the (not-so) Bad, and the Ugly
Wednesday, June 28 at 2 PM ET
- Quarterly Physical Threat Briefing
Explosive Device Awareness and Mitigation Techniques
Wednesday, July 12 at 2 PM ET

[Registration here!](#)

MEMBER PORTAL

- [Detailed FAQs](#)
- [Resource Center](#)
- [Webcast Archive](#)
- [Upcoming Events](#)

THANK YOU

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