WaterISAC
Water Security Center

MEMORANDUM

To: Current and Prospective Members
From: WaterISAC
Subject: WaterISAC Pro Membership

Thousands of water and wastewater professionals make WaterISAC Pro part of their security and preparedness programs.

3 Reasons to Join or Renew your Membership →

1. Receive alerts about local, national and global physical and cyber threats.

2. Access the world's largest and most up-to-date library of knowledge on security and preparedness.

3. Receive insight and analysis tailored for the water and wastewater sector.

BENEFITS

■ **READINESS.** WaterISAC has assembled thousands of best practices, guides, tools, reports and research, all available via email and a searchable online library.

■ **THREAT AWARENESS.** With WaterISAC advisories and weekly bulletins, Pro members are the best informed in the industry.

■ **EFFICIENCY.** WaterISAC is a one-stop shop, delivering know-how you didn't even know existed.

■ **RISK REDUCTION.** WaterISAC's information resources help members measure risk and create practical solutions.

■ **EDUCATION.** WaterISAC hosts free members-only online webcasts and training by subject matter experts.

■ **SPECIAL ACCESS.** WaterISAC's Pro members are approved to receive sensitive government reports and bulletins.

■ **24/7 INSIGHT AND ANALYSIS.** WaterISAC's full-time threat analyst is available anytime day or night and armed with a Top Secret clearance.

DUES STRUCTURE: FLAT FEE, MULTIPLE USERS

Dues are a flat fee per organization, based, where applicable, on a utility's service population or a firm's revenues.

SIGN UP MULTIPLE EMPLOYEES FOR MAXIMUM THREAT AWARENESS

- General Management
- Security
- Emergency Management
- Planning
- IT
- SCADA
- O&M
- Communications
- Planning
- Water Quality
- Laboratory
- Plant Operations
- Public Health
- Legal
- Public Affairs
- Government Affairs
- Sustainability

WATERISAC PRO ANNUAL DUES

Water/Wastewater Service Providers

Total Population Served: *Individuals, not accounts; include number of people served directly and indirectly by wholesale/retail clients*	Number of Users	ANNUAL DUES	
		Water Provider Only or Wastewater Service Only	Combined Water and Wastewater System
Less than 20,000	Up to 5	$249	$499
20,000 to 49,999	Up to 10	$499	$999
50,000 to 99,999	Up to 15	$999	$1,999
100,000 to 499,999	Up to 20	$1,999	$2,999
500,000 to 999,999	Up to 25	$2,999	$4,999
1 million or more	Up to 30	$4,999	$6,999

Government Agencies and Membership Organizations

	Number of Users	ANNUAL DUES
State, Regional and Local Government Agencies*	Up to 5	$499
Homeland Security Agencies and Fusion Centers**	Up to 5	N/A
Industry Associations and Mutual Aid Networks	Up to 5	$499
Federal Agencies	Per Person	$999

* *All water and wastewater service providers, regardless of ownership type, are considered Water/Wastewater Service Providers for the purpose of calculating dues.*

** *Courtesy memberships for federal, state and local government law enforcement or intelligence agencies willing to share threat and incident information with WaterISAC.*

Consulting/Engineering Firms

Gross Sales to the Water Industry	Number of Users	ANNUAL DUES
Less than $500,000	2	$999
$500,000 – $1 million	5	$2,999
$1 million to $5 million	10	$3,999
$5 million to $10 million	15	$4,999
$10 million to $20 million	20	$5,999
More than $20 million	25	$6,999

ELIGIBILITY

Pro members must be employed in the United States, Canada, Australia, the United Kingdom, New Zealand or the Netherlands by a provider of water or wastewater treatment, collection or distribution services, including a utility contract operating firm; a government entity in the areas of public health and safety, environmental protection, infrastructure protection or emergency management; a water or wastewater industry association; a designated utility mutual aid group or a consulting/engineering firm based in one of the countries above and serving water utility clients. Visit www.waterisac.org/FAQs for more eligibility details.

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INFORMATION ON 767 CHEMICAL AND BIOLOGICAL CONTAMINANTS

Pro members have direct, seamless access to proprietary contaminant databases, as well as the U.S. Environmental Protection Agency's Water Contaminant Information Tool (WCIT)*.

4,500+
PUBLICATIONS AND TOOLS IN THE WATERISAC PRO LIBRARY

- Physical threats
- SCADA/IT threats
- Insider threats
- Chem/bio contamination
- Risk assessment
- Protection measures
- Disaster preparedness and recovery
- Emergency management
- Public communications
- Business continuity
- Interdependencies
- Climate change impacts
- Education and training
- Mutual aid

79 BIOLOGICAL CONTAMINANTS
688 CHEMICAL CONTAMINANTS

TYPES OF INFORMATION IN THE DATABASES:

Laboratory methods, occurrence and use, mammalian toxicology, ecotoxicity, removal during water or sewage treatment, reactions with other agents, taste and odor, and byproducts.

ABOUT WATERISAC

The Water Information Sharing & Analysis Center – WaterISAC – is a non-profit water industry organization whose mission is to deliver homeland security and preparedness information to water and wastewater utilities and the government agencies and firms that support them.

Established in 2002, WaterISAC is governed by a board of water and wastewater utility managers and state drinking water administrators.

BOARD OF MANAGERS

Chairman	John Sullivan	Boston Water & Sewer Commission
Members	Julius M. Ciaccia, Jr.	North East Ohio Regional Sewer District
	Patricia Cleveland	Trinity River Authority of Texas
	Kevin Gertig	Fort Collins Utilities
	George Hanson	Chesapeake Ranch Water Company
	Greg Heitzman	Louisville Metropolitan Sewer District
	Nick Santillo, Jr.	American Water
	Sue G. Schneider	Spartanburg Water
	Jeff Stone	Arkansas Department of Health
	Robert J. Walters	Davidson Water, Inc.

* WCIT is not available to consulting/engineering firms.

WATERISAC PRO INFORMATION RESOURCES: SOME SAMPLES

WaterISAC Pro members have access to the largest clearinghouse of security and preparedness information in the world. Here are some examples of those resources.

Education and Training Webcasts (live and recorded)

- Monthly Water Sector Cyber Threat Briefings
- Post-Disaster Power Restoration
- Attempted Destruction of Water Reclamation Plant: Lessons Learned
- Optimizing Operations Amidst Growing Cyber Security Threats
- Identifying and Preventing Insider Threats
- The Use of Crime Statistics as a Situational Awareness Tool
- WaterISAC's UKWIR Drinking Water Contaminant Database
- Water Sector Emergency Management Coordination
- Contaminated Water Disposal
- Water and Emergency Management Agency Coordination
- Lessons Learned from the Nashville Floods and Hurricane Katrina
- And others

Cyber Security

- Steps to reducing cyber risks
- Specific control system product vulnerabilities and patches
- Dangers of employee-owned devices in the workplace
- Social media hoaxes
- Cyber security 101 for water utilities
- Federal cyber security standards for critical infrastructure
- Talking to your board about cyber security
- Attacks against process control systems
- Fake anti-virus products
- Cyber attacks in the U.S.
- Automated meter reading systems vulnerabilities
- Emerging cyber threats
- Indicators of cyber attacks
- Assessing cyber risks

- Building an effective cyber risk culture
- Free Federal cyber security services
- Cyber security for state regulators
- Social media policies for employees
- Cyber threats to Canadian infrastructure
- Firewalls for network segmentation
- Limiting use of removable and mobile devices
- Role-based access controls

Physical Security and Safety

- Who to call during an emergency
- Chemical incident recovery
- Identifying and mitigating insider threats
- Real-time breach-detection capabilities
- Preparing a shelter-in-place
- Bomb awareness and protective measures
- Wildfire preparedness guidance
- Equipment theft
- Ricin as a water contaminant
- Anthrax overview and characteristics
- The future of al-Qaeda
- Al-Qaeda's terrorism tips
- Risk communication planning
- Active shooter prevention and response
- Violent domestic extremists analysis
- Public communication during water emergencies
- Use of stolen uniforms and credentials
- Analysis of mass shooting incidents
- Urban explorers as security threats
- Violence and terror on the southwest border
- Photography and suspicious activity
- Cyanide as of potential threat
- Chlorine gas cylinders: a potential tool for terrorists
- Building lab capabilities to respond to contamination
- Wastewater contamination threats and incidents

- Site security and safety for chlorine facilities
- Threat assessment of the U.S. intelligence community
- Blast vulnerability assessment tool

Resilience & Sustainability

- Preparedness practices case-study
- Enhancing resilience through effective decision-making
- Resilience to extreme weather events
- Business continuity plans
- Managing employee needs in disaster situations
- Sea level rise calculator and planning tool
- Emergency response planning
- Operational and economic impacts of hurricane
- Natural disaster response and recovery resources
- Pandemic preparedness
- Climate change adaptation strategies
- Mutual aid agreements
- Interstate mutual aid and assistance
- Surviving the next blackout
- Interdependencies with other sectors
- Drought outlook
- Benchmarking resilience
- Post-disaster management of human resources
- Preparedness and recovery checklist
- Wildfires and watershed recovery
- Federal grants and reimbursement tips
- Use of social media for disaster recovery
- Critical power failure tabletop exercise
- Preparing for a drinking water emergency
- Emergency water supply planning for hospitals
- Tabletop exercise planning tool
- Incident response planning