

INDUSTRY UPDATE

Non-compliance with these new requirements may result in fines up to \$25,000 per day.

Risk and Resilience Assessment

Community water systems serving more than 3,300 customers are required to conduct a risk and resilience assessment of the systems and assets supporting the delivery of safe drinking water to their customers. This assessment is relative to both malevolent acts including physical and cyber adversaries and natural hazards. The compliance schedule is based on the number of customers served by the community water system.

QUESTIONS? CONTACT:

Andrew Ohrt, PE

Risk and Resilience Lead
952.303.9905
aohrt@westyost.com

Achieving Compliance and Building Resilience in the Water Sector

America's Water Infrastructure Act of 2018 was signed into law in October of 2018. Under this law, and for the first time since the Bioterrorism Act of 2002, utilities are required to conduct risk and resilience assessments (formerly called vulnerability assessments) and prepare or revise emergency response plans. Utilities must certify to the USEPA that they have achieved these new requirements by the dates below.

Emergency Response Plan

Community water systems serving more than 3,300 customers are required to prepare or revise emergency response plans based on risk and resilience assessment findings. Emergency response includes several important components:

- Risk and resilience management strategies and resources to improve the resilience of the system, such as the physical security and cybersecurity of the system
- Plans, procedures, and identification of equipment to support emergency response operations in the event of a malevolent act or natural hazard
- Actions, procedures, and equipment to eliminate or significantly lessen the impact of a malevolent act or natural hazard on public health and the safety and supply of drinking water, including:
 - Development of alternative source water options
 - Relocation of water intakes
 - Construction of flood protection barriers
 - Strategies to aid in detection of malevolent acts or natural hazards that threaten the security or resilience of the system

As with any critical infrastructure resilience building effort, integration with the Local Emergency Planning Committee is encouraged.

New EPA Grant Program

Grant funding is authorized but not yet appropriated.

West Yost Recommended AWIA 2018 Compliance Schedule

