



Water Infrastructure Modernization Act

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The Problem:

Aging and outdated infrastructure leads to the loss of [2.1 trillion](#) gallons of treated drinking water and [900 billion](#) gallons of untreated sewage in the U.S. each year.

In the West, where states are facing a decades-long drought and a historic shortage on the Colorado River, we can't afford to waste any water- much less safe drinking water. Nationwide, families are facing rising water bills and lakes, rivers, and streams are being contaminated as localities struggle to update their aging infrastructure.

The Solution: The Water Infrastructure Modernization Act

The Water Infrastructure Modernization Act authorizes a total of \$50 million over the next five years for two grant programs that fund smart drinking water and wastewater infrastructure improvements.

This funding would allow water utilities to design and implement technologies that:

- Identify water losses
- Provide remote sensing of pipeline integrity
- Provide real-time sensing for leaks and pipe bursts
- Integrate water distribution networks
- Install advanced metering
- Utilize innovative and advanced water supply storage projects.

It would also allow utilities to design and implement intelligent wastewater and stormwater technologies that include:

- Real-time monitoring, embedded intelligence, and predictive maintenance capabilities
- Real-time monitoring sensors
- Artificial intelligence and other intelligent optimization tools
- Innovative sewer and stormwater control projects.

Both grant programs include a 20 percent set-aside for communities of not more than 10,000 individuals, as well as a 10 percent set-aside for Tribal communities. They also require a 25 percent non-federal cost-share and uphold existing Buy America requirements.

Finally, the bill requires the EPA to report to Congress on projects funded and recommendations on how to improve the program.