

## States' Perspective

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### **Presentation Outline**

- Thanks glad to be here
- ASDWA's Priorities
  - Funding
  - -5 Non-Regulatory Drivers
  - -AWIA Implementation



# Funding

- Funding is tight (pretty much) for everyone in the water sector
  - Utilities, consultants, manufacturers, researchers, EPA, state primacy agencies, etc.
    - Possibility of new federal funding is questionable at best
      - AWIA authorizations -> appropriations are another matter
- States are getting a "double-whammy"
  - Flat PWSS funding -> inflation impacts
  - Additional demands from non-regulatory drivers
    - 5 non-regulatory drivers will be discussed later



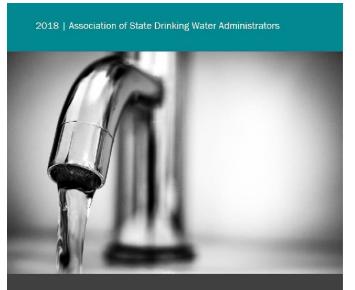
#### 2018 Demands on State Resources

- 2013 national report by EPA/Cadmus/ASDWA predicted demands 2012-2022
  - Existing funding gap ranged from 38%-41%
- Asked states to estimate the additional demands from 5 non-regulatory drivers
- Surveyed all ASDWA members -> summer
  - Additional demands ranged from 1.1%-12.5%
  - Average increase of 4.3%
- 10 years of flat PWSS funding results in another 20% funding gap from inflation



### **Beyond Tight Budgets**

- Combined existing funding gap, inflation, CoSTS, and survey
  - Total gap -> 73%
- Additional demand from EPA's new breakthrough measure to reduce noncompliance
  - Guesstimate of 5% average increase in states' demands
- What can states NOT do given this gap??



#### **Beyond Tight Budgets**

2018 Resource Demands Analysis for State Drinking Water Programs



#### Five Non-Regulatory Drivers

- 1. Post-Flint LCR suggestions/recommendations
- 2. Legionella and building water quality management plans
  - CMS memorandum in July 2017
- 3. PFAS
  - Health advisories & community engagements
- 4. Algal toxins
  - Health advisories and UCMR4
- 5. SDWIS Prime



#### Post-Flint LCR Actions

- Memos from Asst. Administrator for Water led to a variety of actions by many states
  - Reviewed sampling plans & corrosion control plans
- State legislatures have passed their own laws
  - Lead testing in schools
  - Distribution system materials inventories
- Other actions depend on the state



### Legionella & Building Water Quality Management Plans

- States' role?
- Water systems' role?
- What monitoring to conduct and how to react?
- States lack experience/expertise with building water quality management plans
- Secondary disinfection in buildings
  - Many SDWA rules don't fit well such as operator certification
- Two new ASDWA projects states' roles



#### PFAS

• Generally ubiquitous class of compounds

– Approx. 30 states with problems

- Hundreds of potential problematic chemicals – PFOA, PFOS, GenX, PFBS, etc.
- EPA's community engagements & mgmt. plan
- EPA developed 2 additional toxicity values

Risk communication is key

 Policy question – are standards better than health advisories or toxicity values?

– When is a national regulation warranted??



#### Algal Toxins

- Extent of problem can vary from year to year
  - Some states (OH, OR & others) taking steps
    - Oregon Emergency rule transitioning to permanent
- UCMR4 monitoring increasing the attention from public and the media
  - Still a debate on the accuracies of ELISA versus LC/MS/MS analytical methods
- 10-day health advisories provide systems some chance to "do something"

Make treatment changes (if they can)



#### SDWIS Prime

- EPA has working to update/replace SDWIS and SDWIS-State for about a decade
  - Getting close, but still a long ways to go for states to end up with full functionality
    - States have lots of interfacing applications
      - Prime v1.0 won't be "everything for everybody"
      - How long will EPA support SDWIS/State for the transition(s)?
- Pilot testing by 5 states/1 Region starts in Sept.
  - Pilot testing will continue into 2019
- Prime v1.0 release in early 2019
  - Likely lots of bumps in the road in 2019 & 2020
    - Major effort for ASDWA to assist states where possible



#### **AWIA Implementation**

- EPA is developing two regulations by 10/20
  - Consolidation
  - CCR readability
    - What role will states have?
- New system security & preparedness req.
  - Risk Assessment (RA)
  - Revise Emergency Response Plan (ERP) based on RA
    - Direct implementation by EPA
      - What role might (possibly) states have?



#### Questions?