

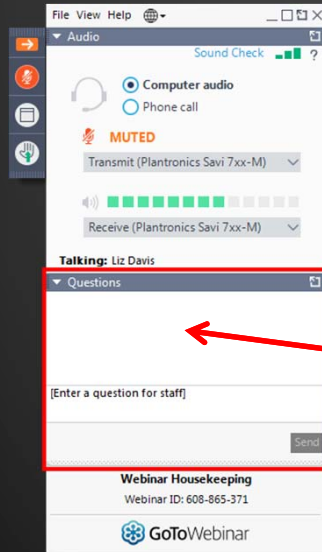


Linking Member Associations with Important Federal Policies and Local Trends

Thursday, August 15, 2019
1:00 - 2:30 PM ET



How to Participate Today



- Audio Modes
 - Listen using Mic & Speakers
 - Or, select "Use Telephone" and dial the conference (please remember long distance phone charges apply).
- Submit your questions using the Questions pane.
- A recording will be available for replay shortly after this webcast.



Agenda



- Introduction: **Brandon Koltz**, Government Affairs MA Subcommittee Chair and **Julie Nahrgang**, Government Affairs MA Subcommittee Vice-Chair
- Federal Update: **Steve Dye**, WEF Legislative Director (15 mins)
- Member Association Presentations:
 - **Rick Hutton** (Florida) Supervising Engineer, Water/Wastewater Division, Gainesville Division, Gainesville Regional Utilities and Vice President of the Florida WEA Utility Council (20 mins)
 - **Jason Tincu** (Ohio), Director of Sanitary Engineering at Greene County and Vice President of the Ohio WEA (20 mins)
 - **Chris Tippery** (Wisconsin), Senior Project Manager with raSmith and Chair of the Wisconsin Section's Government Affairs Committee for the Central States WEA (20 mins)
- Comments and Questions? (15 mins)



Federal Legislative Update

Steve Dye, Legislative Director, WEF
sdye@wef.org



Federal Legislative Update

- FY20 Budget
- Key Bills Update
- PFAS Legislation



Fiscal Year 2020 Appropriations Update

Program	FY18 Omnibus	FY19 Omnibus	Pres. FY20	House FY20 Draft	FY20 Ask	Function
Clean Water SRF	\$1.7B	\$1.7B	\$1.1B	\$1.8B	\$2.8B	Wastewater & Stormwater Loans
Drinking Water SRF	\$1.2B	\$1.2B	\$863M	\$1.3B	\$1.3B	Drinking Water Loans
WIFIA	\$63M	\$68M	\$25M	\$45M	\$50M	All Water Infrastructure Loans
USDA Loans & Grants	\$1.06B	\$2.02B	\$1.7B	NA	\$2.5B	Rural Communities Loans and Grants
Title XVI	\$54M	\$59M	\$3M	\$67M	\$100M	Western US Water Recycling and Reuse
AWIA – Sect. 221 Grants			\$61M	\$90M	\$450M	Grants for CSO, SSO, and SW Infrastructure



Key Bills to Watch

- H.R. 1497* - Water Quality Protection and Job Creation Act of 2019, by Rep. Peter DeFazio
- H.R. 3521 - Wastewater Infrastructure Workforce Investment Act of 2019, by Rep. Greg Stanton
- H.R. 1764* - NPDES permit terms extension legislation, by Rep. John Garamendi

* = *Calls-to-Action up on WEF.org*



PFAS Legislation

Senate National Defense Authorization Act (NDAA) provisions:

- SDWA MCL for PFAS.
- Add PFAS to TSCA list.
- Directs increased R&D funding and focus for PFAS, EPA to develop new monitoring and sampling guidance.
- Requires EPA to issue guidance on how to dispose of and destroy PFAS.

PFAS Legislation

Rep. Debbie Dingell (D-MI) Amendment to NDAA:

- PFAS designated as hazardous substance under CERCLA (Superfund) by 1 year after enactment.

Rep. Chris Pappas (D-NH) Amendment to NDAA:

- EPA has 30 days to add PFAS to CWA toxic pollutants list (will trigger CERCLA law).
- EPA shall publish Effluent Standards by 1/1/2022.
- EPA shall promulgate Pretreatment Standards by 1/1/2022.

PFAS Legislation - *Fixes!*

WEF & NACWA are working to make changes to the final NDAA. Specifically, we're asking for the following in this priority order:

1. Senate PFAS provisions only in final NDAA.
2. Exemption for DW & WW from CERCLA
3. Exemption for DW & WW from CWA provisions until EPA completes full R&D and regular-order regulatory process.
 - Assurances that wastewater and biosolids stakeholders be part of R&D and regulatory process.

AWWA, AMWA, NRWA and NAWC seeking changes to Senate PFAS provisions too.



Congressional Call-to-Action!

The screenshot shows the Water Environment Federation website. At the top, there is a navigation bar with links for Careers, Contact Us, FAQs, Advertise, Shop, and Buyers Guide, along with a JOIN/LOG IN button. The main header features the WEF logo and a 'BECOME A MEMBER' button, with social media icons for Facebook, Twitter, LinkedIn, YouTube, and Instagram. A main navigation menu includes ABOUT, MEMBERSHIP, RESOURCES, EVENTS, and ADVOCACY. The ADVOCACY menu is open, showing options like ABOUT ADVOCACY, LEGISLATIVE AND REGULATORY AFFAIRS, POLICY AND POSITION STATEMENTS, THE VALUE OF WATER, WATER ADVOCATES, WATER WEEK, GLOBAL PROGRAMS, and CANADIAN WATER AND WASTEWATER ASSOCIATION. A prominent banner on the left side of the page reads 'Residuals and Biosolids 2020 Call for Abstracts Now Open' with a 'LEARN MORE' button. The year '2020' is displayed in large white numbers on a green background at the bottom right of the banner.



Water Advocates

Home > Advocacy > Water Advocates

WEF Needs YOU to be a Water Advocate!

WE are the experts.

Let's speak with a loud, united voice. Speak up. Share your knowledge. It is more important now than ever. Inform government decision-makers and the public about the importance of water.

Aging infrastructure, strict requirements, and continued economic pressures have put unprecedented stress on local governments and agencies that provide essential water services. Elected officials are being called upon to make tough choices that will impact water quality and the viability of our communities for generations to come.


We know there is a better path—a path that leads to public appreciation for the value of water, investment in our essential water infrastructure, and a better quality of life for our states and communities.

WEF's Water Advocates Program is a simple and effective way for you to become more involved with engaging elected officials and the public on important water issues. The Water Advocates Program provides training and engagement to promote grassroots advocacy before elected officials and the public with the goal of creating a network of trained water advocates in every state.

Take Action Now: Ask Congress to Vote Against Two Concerning PFAS Amendments

Ask your House Member to vote no on TWO concerning PFAS Amendments to the National Defense Authorization Act

[Take Action](#)



Water Advocates Program

- WEF.org - Advocacy tab
- New Website:
 - <http://wef.org/advocacy/water-advocates2/>
- Joining the Program is easy:
 - <http://wef.org/advocacy/water-advocates2/>



WATER ENVIRONMENT FEDERATION
WATER ADVOCATES PROGRAM
GRASSROOTS GUIDE & TOOLKIT



Questions or Additional Info:

WEF

- Claudio Ternieden
Sr. Dir. of Government Affairs
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- Steve Dye
Legislative Director
sdye@wef.org
- Amy Kathman
Government Affairs Manager
akathman@wef.org



Florida Water Issues Update

Rick Hutton, P.E.
Gainesville Regional Utilities
Vice President, FWEA Utility Counsel





FWEA Utility Council

- WW Utility Advocacy group
- Represent 9 million utility customers
- Promote sound science and public policy to protect & restore water quality

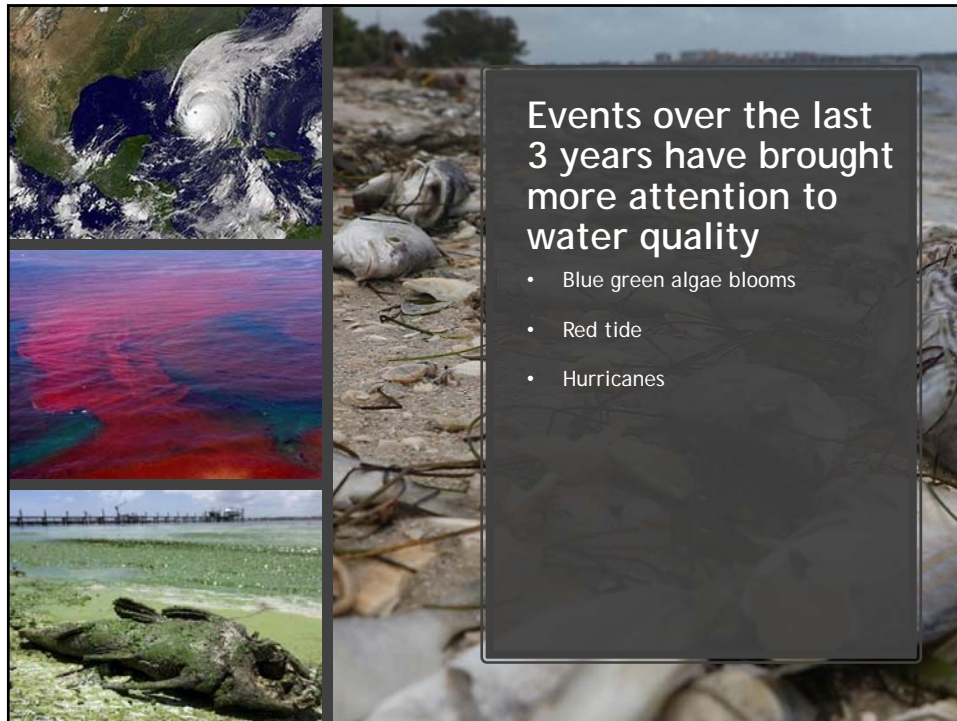


Florida's Economy

- Top Economic Drivers
 - Tourism
 - Agriculture
- Third Largest Population in US
 - 20.6 million & growing



Water is Key to Economy & Quality of Life in Florida



Florida Water Focus Areas

- Blue green algae blooms in South Florida
- Everglades restoration/Lake Okeechobee
- Red tide
- Springs restoration
- Surface water quality
- Water supply
- Sanitary sewer overflows

Governor's Initiatives

- Ron DeSantis in office Jan 2019
- Chief Science Officer
- Blue-Green Algae Task force
- Red Tide Task Force
- Chief Resilience Officer



Increased State Environmental Funding - 2019/2020 State Budget

- \$682 M for water projects
 - \$25 M study & combat Blue-Green Algae
 - \$417 M Everglades restoration
 - \$100 M springs restoration
 - \$100 M Water quality improvement
 - \$40 M Alternative Water Supply

Major Florida Issues Affecting Water/Wastewater Utilities

- Biosolids
- Sanitary Sewer Overflows (SSOs)
- Septic to Sewer
- Potable Reuse Commission



Biosolids Land Application

- Biosolids implicated in elevated TP levels in Blue Cypress Lake (southeast Florida)
- Florida DEP formed Technical Advisory Committee (TAC)
 - Recommended modifications in rules that account for crop & soil ability to retain TP
- DEP currently in rulemaking process
 - FWEAUC generally supportive



Sanitary Sewer Overflows (SSO'S)

- High profile events since 2016 triggering intense legislative attention
- Implication that SSOs due to lack of local government investment in WW utility infrastructure
- Several bills in play in 2019 legislative session, likely also in 2020 session in January
 - Bills included increased fines (\$1/gallon)
 - More punitive reporting for all SSO's



Sanitary Sewer Overflows (SSO)

- FWEAUC focus
 - Educate legislators on utility operation & causes of SSOs
 - Promote public policy to encourage utility assessment and renewal/replacement of aging infrastructure
 - "Blue Star" bill
 - Establish Utility Best Management Practices (BMP) to Reduce SSOs
 - Reduced penalties for utilities w/ BMPs



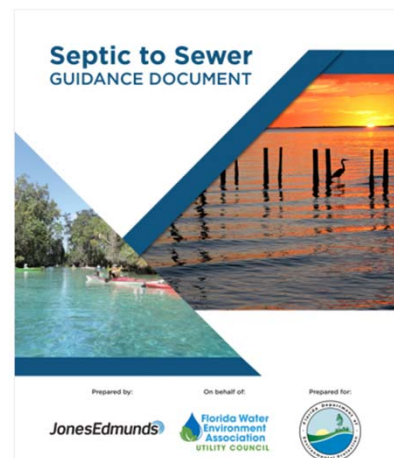
Septic Tanks

- About 1/3 of Florida population served by septic tanks
- Significant nutrient source for some water bodies
- Historic lack of regulation
- Now included in BMAPs



Septic to Sewer

- Local governments/utilities implementing in accordance w/ BMAPs
- Funding & Implementation challenges



Potable Reuse Commission (PRC)

- WaterReuse Florida, Florida State AWWA, and FWEA with other stakeholder representatives:
 - Environmental Advocacy
 - Agriculture
 - Florida Dept of Health
 - Industry
- Water supply increasingly limited
- Objectives
 - Protect public health & environment
 - Develop regulatory framework to permit direct & indirect potable reuse
 - Educate public
 - Protect utility investment in potable reuse projects





Ohio Water
Environment
Association

WEF Government Affairs Member Association
Subcommittee

August 2019



Who is OWEA?

We were founded in 1926 as a member association of the national Water Environment Association.



The Mission of the Ohio Water Environment Association is:

- Educate our members through sharing information and networking
- Educate the public on preserving and enhancing our water quality
- Be proactive on water environment issues
- Build a positive professional image within and outside the Association



Who does OWEA represent?

- Over 10 Million Ohioans
- 88 Counties
- Over 2,000 Members
 - Public Servants, Scientists, Engineers, Regulators, Service Providers
- Over 800 Participating Organizations
- Over 49 River Basins
- The Great Lake Erie

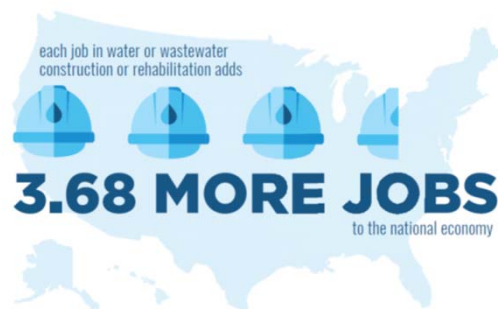


America's Water Infrastructure:

Keeps the Economy Flowing, Keeps People Healthy

For the Economy's Sake:

- Every \$1 invested in water or wastewater infrastructure increases long-term gross domestic product by \$6.35. Each job in water or wastewater construction or rehabilitation creates 3.68 more jobs in the nation.



For the Public's and the Environment's Sake:

- To sustain this progress, we must reinvest in our aging water infrastructure. Studies show that the country must invest at least \$1 trillion each to drinking water and wastewater over the next 25 years if we are to maintain our current level of service.



WEA Sections

THE UNITED STATE(S) OF WATER

THE MIDWEST

Obtaining access to clean, safe water is critical to our economy, health, and way of life. Although we live in different parts of the country, Americans are united by our dependence on water and the infrastructure that connects, protects, and supports it.

WE NEED WATER

The average person uses 80 gallons of water each day.

WE RELY ON REGULAR SERVICE

Chicago provides its residents with 1 billion gallons of water that make up 10% of the city's water supply.

LOTS OF NEW TECHNOLOGY EXISTS

Conservation programs, rainwater harvesting, and smart water meters can help reduce water use and prevent leaks from becoming big problems.

OUR SYSTEMS ARE AGING

Most major Midwestern cities invested in their drinking water systems in the 1950s, and the water systems they built are now 50-70 years old.

PROVIDING WATER ISN'T FREE

People who live in the Midwest pay an average of 25.43 per year for water and sewer services. The cost of water is high in the Midwest.

WHAT WE CAN SAVE

10% of Americans pay more than \$100 each month for water.

WHAT WE MUST DO

Water is essential to life. We must do more to protect it. We must do more to protect it. We must do more to protect it.

WE CAN DO THIS

10% of Americans pay more than \$100 each month for water.

DID YOU KNOW?

Multiple sources of water are used in the Midwest.

Water Environment Federation
the water quality people

Ohio's Water Challenges:

Nutrient Impairment

- State of Ohio Nutrient Mass Balance report from seven watersheds that cover 63% of Ohio's land use. Ohio EPA estimated that over 69% of the phosphorus loading and over 75% for nitrogen comes from nonpoint sources.
- What types of activities should be considered to help combat this issue?
 - Agricultural reductions via best management practices, edge of field investments, and strategic conservation efforts
 - Ongoing reductions at point sources with innovative permitting options like watershed permitting, water quality trading and adaptive management approaches
 - Upgrade and abatement (where applicable) of household sewage treatment systems
 - Regional collaboration with neighboring states
 - OWEA is eager to assist Congress, federal and state agencies, Ohio and local government and stakeholders to solve Ohio's Nutrient Puzzle.

Ohio's Water Challenges: Water Infrastructure Investment

- Ohio's water infrastructure is in dire need of systematic replacement and upgrade.
- Funding and Grants Program
 - OWEA requests that members of Congress continue to fight for all low interest funding initiatives as well as the reestablishment of various grant programs for public water infrastructure projects.



Ohio's Water Challenges: Biosolids Reuse & Disposal

- In the past, biosolids have represented a unique opportunity for agriculture and wastewater to partner
- Currently, it is becoming harder and harder for wastewater plants to find local companies to facilitate this process



Ohio's Water Challenges: Climate Change

- 2018 was one of the wettest on record for Ohio
- Climate change places additional stress on water utilities that are already stressed thin
- More unpredictable and extreme weather patterns creates large amounts of stormwater quickly and water utilities must respond



Final 2018 totals in major Ohio cities and how they rank since their records began.

- Cincinnati: 55.90" 3rd wettest since 1871.
- Columbus: 55.18" 1st wettest since 1878.
- Cleveland: 51.47" 4th wettest since 1871.
- Youngstown: 50.97" 2nd wettest since 1896.
- Dayton: 48.99" 10th wettest since 1893.
- Akron: 48.46" 5th wettest since 1896.
- Toledo: 38.01" 22nd wettest since 1871



Ohio's Water Challenges: Great Lakes Restoration Initiative

- Great Lakes Restoration Initiative is supporting implementation of a comprehensive cleanup for the Great Lakes. OWEA requests your support of this vital investment as it advances through Congress.
- This funding aligns with our Governor's plan for Lake Erie and is necessary to NOT leave Ohio's taxpayers with an extraordinary burden.



Moving Forward

OWEA looks forward to being a resource for you and your staff. We hope to harness the relationships built and would like to offer the following:

- Non-Partisan Technical Assistance and Policy Guidance
- Public Education and Engagement Opportunities
- Data and Technical Resources
- A Working Relationship with All Ohio Representatives



Wisconsin Water Regulations

August 15, 2019



Wisconsin Water Regulations

August 15, 2019

▪ Introduction

Chris, a senior project manager with raSmith, is a civil engineer with over 20 years of experience in water, wastewater, and stormwater design and construction services. He has a bachelor's and masters' degrees in civil and environmental engineering from Marquette University. He is currently the chair of the Wisconsin section's Government Affairs committee and has been involved with the local WEF chapter, the Central States Water Environment Association, for many years.



Wisconsin Water Regulations

August 15, 2019

▪ Central States Water Environment Association

- **Mission Statement:** To provide a Water Environment Federation (WEF) organization (Illinois, Minnesota, Wisconsin) offering multiple opportunities for the exchange of water quality knowledge and experiences among its members and the public and to foster a greater awareness of water quality achievements and challenges.
- **Wisconsin Section Government Affairs Committee:**
 - Keeps Wisconsin membership updated on upcoming regulatory and compliance issues.
 - We advocate, on a nonpartisan basis, for the environment and wastewater profession with our elected officials.
 - We sponsor an annual fly-in to Washington DC to meet with Wisconsin elected officials and discuss environmental, water and wastewater concerns of the Section.
 - We coordinate with the Government Affairs Seminar committee (comprised of CSWEA, WDNR and WWOA members) to host an annual informative seminar regarding changing Wisconsin wastewater regulations.



Wisconsin Water Regulations

August 15, 2019

Water Quality Criteria

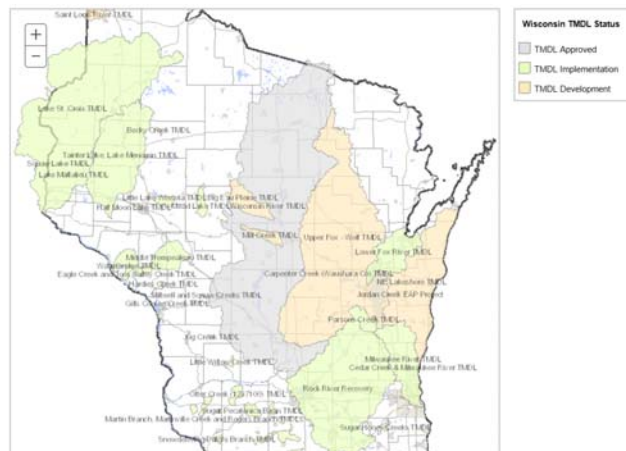
- This proposed rule revision would amend Wisconsin's recreational water quality criteria for pathogens to be consistent with federal recommendations.
- Draft rule language was developed by WDNR in Spring 2019
- Change the pathogen indicator organism from fecal coliform to *E. coli*
- Change the effluent limit testing frequency
 - Monthly Geometric Mean of 126 CFU/100mL
- Public Hearing scheduled for August 7, 2019



Wisconsin Water Regulations

August 15, 2019

TMDL Development



Wisconsin Water Regulations

August 15, 2019

- **Phosphorous Criteria**
 - NR 119 which would establish the protocols for developing site specific water quality criteria (SSC)
 - Public Hearing scheduled for September 12, 2019
 - SSC also being developed for:
 - Petenwell Lake
 - Castle Rock Lake
 - and Lake Wisconsin
 - A public hearing for the Lake SSC is scheduled for August 13, 2019.



Wisconsin Water Regulations

August 15, 2019

- **Waterway Assessment**
 - Codification of the procedures used for waterbody assessments and Reporting
 - Establishment of narrative Biocriteria for surface waters
 - Revisions to dissolved oxygen criteria for Aquatic Life
 - Algae Criteria for Recreation and Aquatic Life
 - Phosphorus assessment procedures using biological metrics
 - Revisions to NR 217 related to the calculation of upstream background phosphorus concentrations



Wisconsin Water Regulations

August 15, 2019

- PFAS (perfluoroalkyl substances)
 - WDNR has established a PFAS Technical Advisory Group which meets on a quarterly basis, with the next meeting on September 20, 2019
 - On July 22, 2019 WDNR sent a letter to 125 Wisconsin municipal wastewater facilities announcing a launch of a statewide initiative to identify and quantify sources of PFAS (with emphasis of PFOS and PFOA).
 - DNR requested that the recipients of the letter sample their wastewater influent and effluent and report the results to the DNR within 90 days
 - WRWA response to WDNR letter

Questions?