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**Linking Member Associations with
Important Federal Policies and Local Trends**

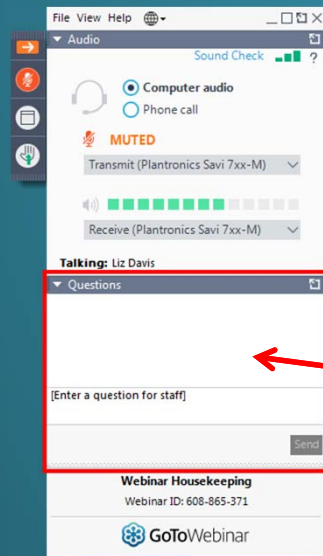
**PFOA/PFAS is Here to Stay:
Utilities' Perspectives and Task Force Updates**

Wednesday, August 24, 2022
1:00 – 2:30 PM ET

The Water Environment Federation logo is located in the bottom right corner of the teal slide. It features the same stylized 'W' icon and text as seen in the first image.

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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.**

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Today's Agenda

1. National Perspective – Claudio Ternieden & James Slaughter
2. State Perspective - Shellie Chard
3. Maine Experience - Howard Carter & Emily Cole-Prescott
4. Panel discussion and Q&A
5. WEFTEC GAI schedule and Hot Topic
6. Federal Update - Steve Dye

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National Perspectives Update

- **Claudio Ternieden**
 - Chief Policy Officer, Water Environment Federation
- **James B. Slaughter**
 - Principal, Beveridge and Diamond



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CWA AND PFAS – OKLAHOMA'S PERSPECTIVE

SHELLIE R. CHARD,
WATER QUALITY DIVISION DIRECTOR, OKLAHOMA DEQ
TRUSTEE, WEF



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WASTEWATER SYSTEMS IN OKLAHOMA

Municipal - 737 facilities

- 360 discharge
- 377 total retention
- 100 water reuse
- 35 biosolids land application
- 27 pretreatment cities
- 2 Phase I, 53 Phase II Stormwater

Industrial - 2457 facilities

- 119 discharge
- 138 state only permit
- 429 General Permits
- 29 SIU/CIU
- 1702 Industrial Stormwater

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PFAS sampling is Challenging

Unusually low screening/regulatory criteria	Increased potential for the sample to become cross-contaminated	Sampling equipment and materials typically may contain PFAS
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PFAS-specific sampling protocols and guidance are needed for:

Equipment and supplies	Bottle selection	Sample preservation, shipping, storage, and hold times	Decontamination procedures	Sampling precautions
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Programs and States have developed sampling guidance

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DEQ PFAS sampling guidance on our website:
<https://www.deq.ok.gov/land-protection-division/quality-assurance/>

PFAS SAMPLING

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Environmental Measurement

Reliable analytical methods are needed to identify and measure PFAS in air, water and land

Recent Accomplishments	Current & Ongoing Efforts
<p>Air</p> <ul style="list-style-type: none"> • OTM-45 (air emissions; 2021) <p>Water</p> <ul style="list-style-type: none"> • EPA Method 533 (drinking water; 2019) • EPA Method 537.1 (drinking water; 2018/2020) • SW-846: Method 8327 (wastewater, groundwater, surface water; 2021) • Draft Method 1633 (water, solids, tissue; 2021) 	<p>Air</p> <ul style="list-style-type: none"> • Develop methods for additional PFAS in air emissions <p>Land / Water</p> <ul style="list-style-type: none"> • Support multi-laboratory validation of Draft Method 1633 <p>Other Methods</p> <ul style="list-style-type: none"> • Develop “total PFAS” methods • Refine non-targeted analysis methods

Office of Research and Development 9

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OKLAHOMA PFAS WASTE ACT

- Regulate disposal facilities that accept “high concentration” PFAS waste
- Require a PFAS disposal plan to demonstrate disposal would not transfer PFAS to other media
- Ensure generator maintains liability
- Did not include consumer products that were discarded as part of the municipal solid waste stream
- PFAS waste generated in or transported from another state that was classified as hazardous in the state of origin, would retain that classification
- Bill did not pass 2022 but expected again in 2023

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DEQ PERSPECTIVE ON REGULATORY PATH FORWARD

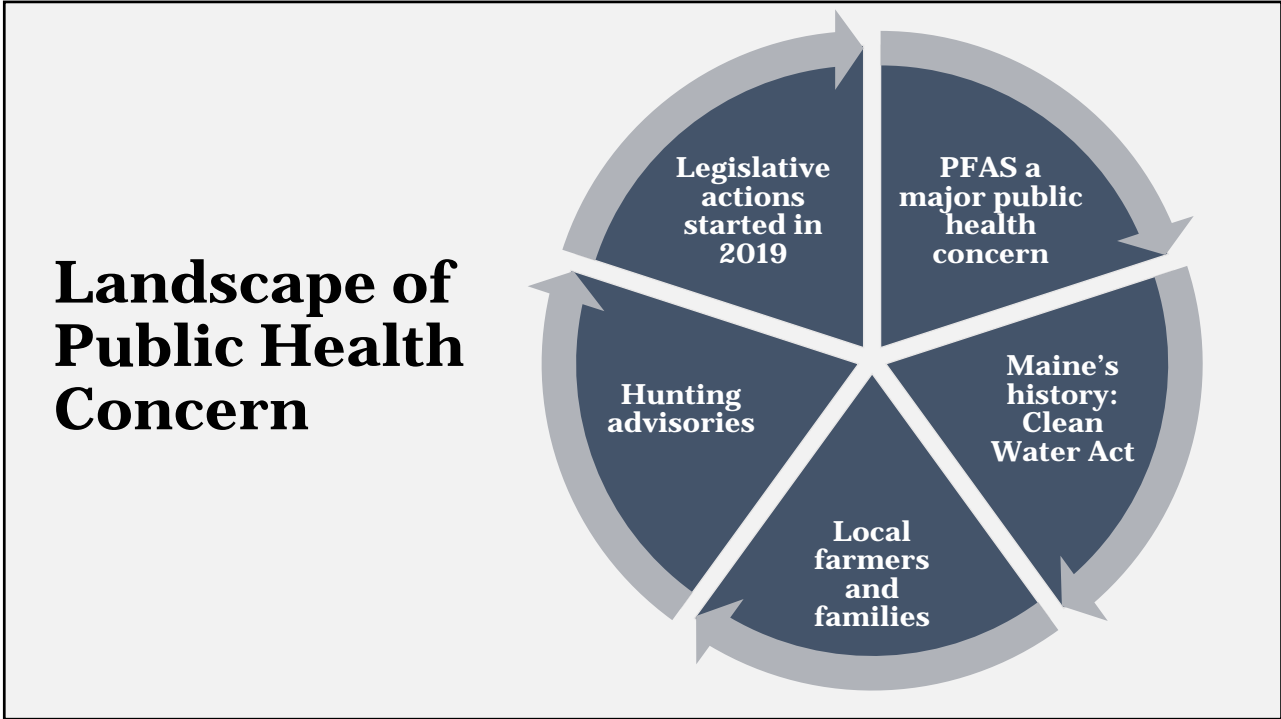
Eliminate/reduce non-essential use of PFAS products (TSCA)	Phased approach: Regulate specific compounds with known toxicity, occurrence, for example AFFF (RCRA or CERCLA)	Consider AFFF collection and disposal program
Add new PFAS waste streams as scientific understanding increases, disposal capacity increases, and uncertainties decrease (RCRA or CERCLA)	Provide regulatory exemption for POTWs, and possibly others as appropriate. Regulations should work in tandem with scientific demonstration of disposal technologies; avoid urge to regulate without sound disposal options	Seek to avoid unintended consequences

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Impacts of PFAS Legislation on Maine's Biosolids Management

Howard Carter & Emily Cole-Prescott
Saco Water Resource Recovery Department
Saco, Maine

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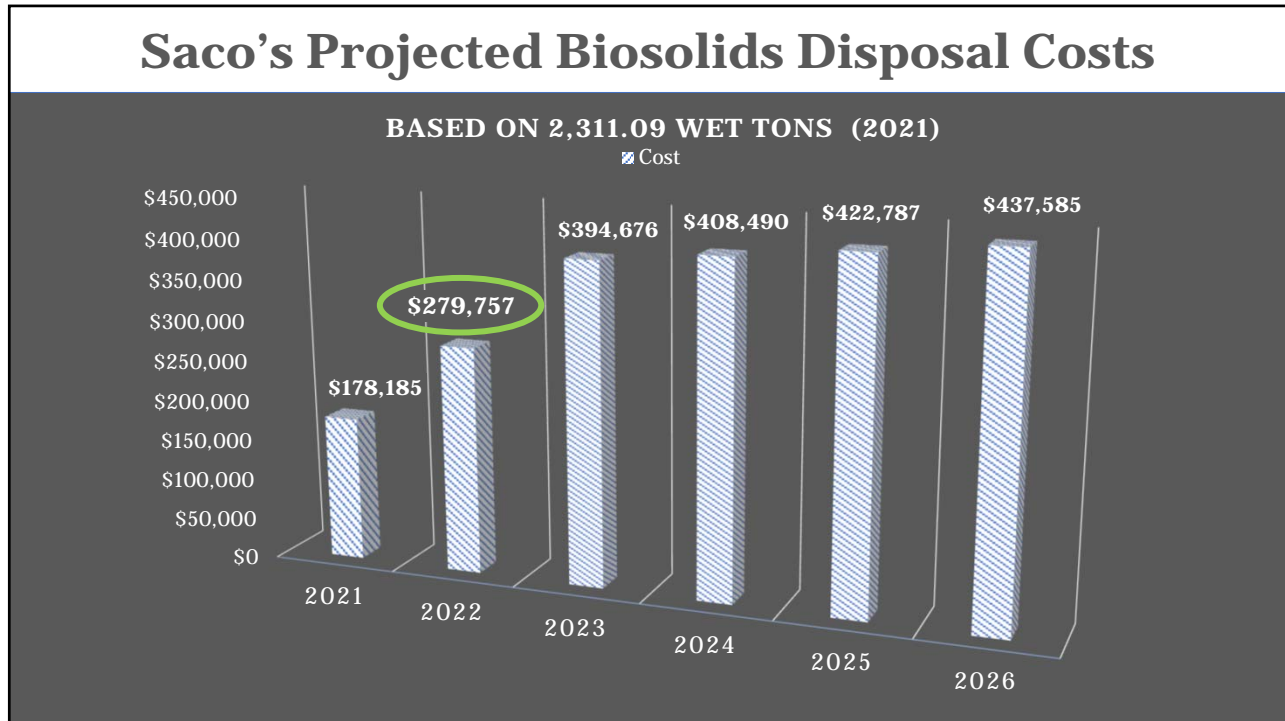
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Maine's LD 1911 Provisions

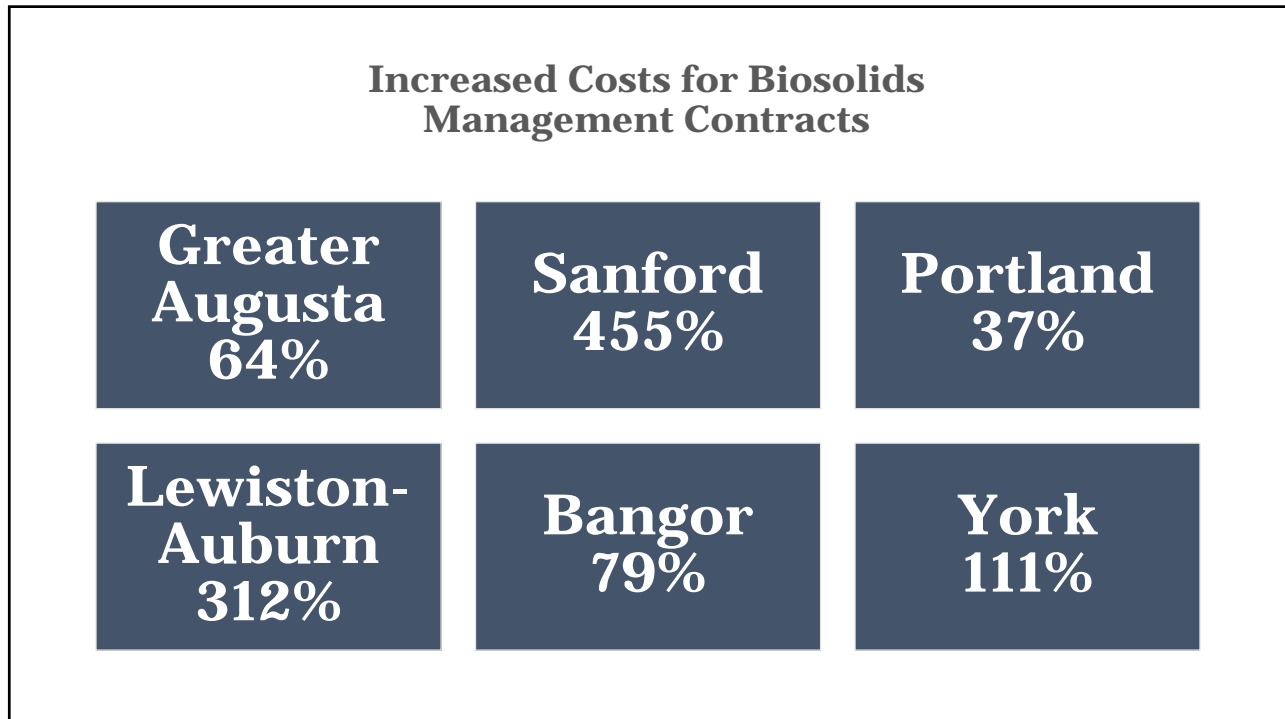
- Bans land application & composting of biosolids in Maine*
- Requires wastewater treatment facilities to sample effluent for PFAS
- Prohibits new licenses to land-apply septage
- Requires DEP to report to Legislature on how to handle septage

*Certain exemptions to composting from food wastes and specific liquor making processes

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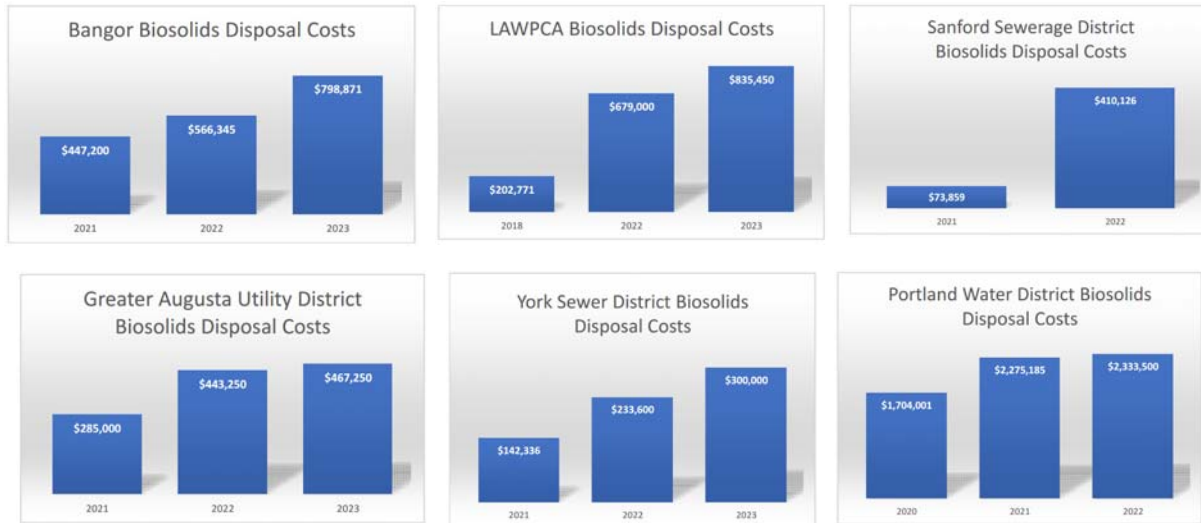


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Tracking Disposal Costs . . .



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Septage Management

The Question:

- Where Will Septage Go?

The Issues:

- Increasing PFAS concentrations at facilities
- Not equipped to treat PFAS
- Capacity concerns



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Overview: Right Now in Maine

*Recent article about the situation in Maine:
<https://www.bangordailynews.com/2022/08/17/mainefocus/path-of-forever-chemicals-into-public-drinking-water/>*



RATEPAYERS & TAXPAYERS COVERING COSTS



SIGNIFICANT CLIMATE IMPACTS TO TRUCK MATERIAL



LANDFILL CAPACITY OF ABOUT 5 YEARS



NEED ENHANCED COLLABORATION & COORDINATION

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Looking Ahead . . .



Regional Solutions



Collaborative partnerships



Engagement beyond water industry

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Questions & Comments

If you think of questions later, feel free to contact us:

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Emily Cole-Prescott

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References & Resources

- Utility information reported here collected from the utility directors through June 2022.
- LD 1911 details can be found here:
https://legislature.maine.gov/legis/bills/display_ps.asp?PID=1456&snum=130&paper=&paperId=l&ld=1911.
- Rhoda, E. (2022, August 17). "The path of 'forever chemicals' into public drinking water used by thousands in central Maine." *Bangor Daily News*.
<https://www.bangordailynews.com/2022/08/17/mainefocus/path-of-forever-chemicals-into-public-drinking-water/>

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Q&A Discussion

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WEFTEC Govt Affairs Meetings and Member Association HOT TOPICS

WEFTEC Government Affairs Meetings and Events

- October 10 Room 275/276/277:
 - 10:00 AM Government Affairs Institute Member Association Subcommittee Meeting
 - 11:00 AM Government Affairs Institute Full Committee meeting
- October 10 La Nouvelle Orleans Ballroom A-B
 - 1:30 PM Water Policy Update I - US Federal Perspective
 - 2:30 PM Water Policy Update II – Water Sector Leadership’s Perspective

Hot Topics - Member Association/State

- PFOA/PFOS!
- Supply Chain Issues
- Nutrient Management
- Wet weather management ad controls and schedules - CSO/SSO/Stormwater
- Integrated Planning
- Water Quality Criteria
- Funding
- Workforce Development
- Reuse regulations and barriers
- Climate change /resiliency
- Biosolids restrictions
- OTHER!!!!

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Federal Update

Steve Dye
WEF Legislative Director

