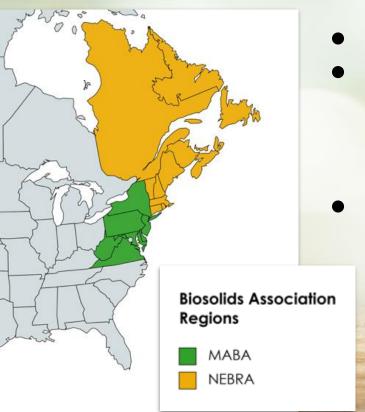
All Hands On Deck!

How Biosolids Associations Are Helping Members Manage PFAS Challenges

Janine Burke-Wells, North East Biosolids & Residuals Association Mary Firestone, Mid-Atlantic Biosolids Association



North East Biosolids & Residuals Association (NEBRA) Mid-Atlantic Biosolids Association (MABA)



- Both organizations were founded in 1997
- NEBRA's Mission: To cooperatively promote sustainable diversion, recycling and beneficial use of biosolids and residuals from the municipal and industrial sectors
- MABA's Mission: Communicate the benefits of biosolids resources within the biosolids community and the communities we serve.

Why are Biosolids Associations Needed?

- It's good to be focused just on the solids not to mention sustainability, soil health, greenhouse gas reductions, and all those resources to recover!
- There are many challenges with sludges and biosolids – it's where all the pollutants removed by WRRFs end up.
- Everyone involved with managing biosolids needs help with communications, sharing of accurate information, building trust, talking to the press
- Access to best management practices, research, and advocacy for smart laws, regulations, and policies
- Two new associations within the last year:
 Midwest and Southeast





NEBRA & MABA Leadership & Committees

- Boards: NEBRA's 13 board members meet once a month. MABA's 21 board members meet every other month.
- Committees: NEBRA and MABA's standing committees meet on a monthly basis, and include Regulatory/Legislative committees. NEBRA has a Research Committee and a new Carbon & Nutrient Trading Committee. MABA has a Communications Committee and a Young Professionals







NEBRA Member Services & Benefits

- NEBRAMail newsletter
- Monthly Research Abstracts
- Monthly Lunch & Learns
- Website full of PFAS information (www.nebiosolids.org/resources#/pfas-biosolids/)
- Legislative/regulatory tracking
- Forums for collaboration on Advocacy, Education, Outreach, and more!



Recycled organics: Tools for sustainability.

HOME NEBRA BIOSOLIDS RESIDUALS RESOURCES NEWS EVENTS BLOG CONTACT MEMBERS ONLY

PFAS in Biosolids ("sludge") and Residuals

Recycling organic "wastes" benefits society and the environment.

Throughout the U. S. and Canada, biosolids (treated and tested sewage sludge), septage, paper mill residuals, composts, and other organic residuals are commonly recycled to soils. This recycling does amazing things:

- · enhances soil health
- · recycles nutrients
- · sequesters carbon (mitigating climate change)

"Let's move fast to stop nonessential uses of PFAS. Then let's work carefully and more slowly on research and balanced regulation."

 Dr. Linda Lee, Professor of Agronomy, Purdue University, MI WEA Biosolids Conference, Aug. 2020





MABA Member Services & Benefits

- Biosolids Advocacy: Identifies, advocates, and responds to legislation and regulations that affect wastewater treatment and biosolids sector in the region.
- Biosolids in the News: Encourages open dialogue with media, including features in local publications.
- Education & Networking: Hosts regular webinars on wastewater treatment and biosolids-related topics. Summer Symposium with a wide range of technical topics and networking opportunities.
- Biosolids Communications & Research:
 Shares information from across the biosolids sector regularly via email, social media, and the MABA website.

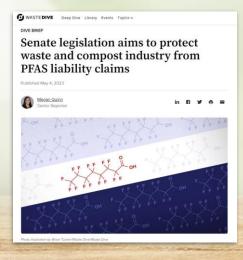




MABA & NEBRA's "All Hands On Deck" Approach

 Advocacy: MABA, NEBRA, and other regional and national organizations meet regularly to share information, experiences and opportunities to work together to review and respond to regulatory and legislative developments.







MABA & NEBRA's "All Hands On Deck" Approach

 Research & Information Sharing: MABA and NEBRA continue to take part in and gather extensive research and information related to PFAS and share this via PFAS specific webpages for their members.







TaxPayers count on saFe and responsible recycling of water and organic matter using cost effective, sustainable practices that support drinking water, recreation, business use, And improved Soil quality.

SAFETY, SCIENCE, SOLUTIONS.



MABA & NEBRA's "All Hands On Deck" Approach

 New & Emerging Technologies: MABA and NEBRA identify and showcase the latest innovations in PFAS removal technologies with their members and the biosolids community.









MABA & NEBRA's "All Hands On Deck" Approach

 Communications: NEBRA and MABA stay abreast of the latest information within their respective regions and across the country, and share this information, as well as related resources, with their members.







Association

PFAS: "All Hands On Deck" What can YOU do?

- Stay Informed: Through organizations like NYWEA, NEWEA and especially MABA and NEBRA! They have compiled numerous resources for members to educate themselves and others about PFAS in biosolids
- Talk about it: Speak about the PFAS issue, as it impacts your operations, with local officials and your customers.
- Get involved: Consider submitting comments on the proposed interim guidance for PFAS in biosolids in New York State and exemptions from CERCLA liability for your utility. Become more involved in MABA and NEBRA!





Thank you for your continued work in and support of the biosolids community!

 Questions? Comments? We look forward to hearing your questions and feedback to help us better serve you!



Janine Burke-Wells

(603) 323-7654 janine@nebiosolids.org

Mary Firestone

(845) 901-7905

mfirestone@mabiosolids.org

