



Mid-Atlantic Biosolids Association 2024 Summer Symposium

July 9-11, 2024

Omni Richmond, Richmond, VA

The symposium will be bringing new technologies and innovations, as well as current best practices to share with attendees from across the biosolids sector and provide them with the opportunity to learn and further develop their biosolids programs. With a diverse program of speakers and presentations, networking opportunities, and XXXX CPEs available. Don't miss out on an event that checks off many boxes for your professional goals.



**We invite YOU to join us for the 3rd Annual Opening Reception -
Courtesy of the MABA Young Professionals**

Tuesday, July 9

6:00 pm - 8:00 pm Conference Area Balcony

Cost: \$35 MABA Members, \$45 Non-members

All attendees are invited to join us for this pre-symposium reception, but space is limited so be sure to register early!

Check out our sponsorship and exhibitor opportunities
by clicking this link: <https://bit.ly/490grX5>



Mid-Atlantic **Biosolids** Association

EARLY BIRD REGISTRATION

\$325.00 MABA Members

\$425.00 Non-Members

Contact MABA for
discounted public agency/
utility rates

Early Bird Rates End June 7, 2024

HOTEL RESERVATIONS

Omni Richmond

100 South 12th Street

Richmond, VA 23219

804-344-7000

Block Rate through June 18, 2024

\$169.00/night

Mention the MABA
Symposium or use this link:

<https://bit.ly/49SaQz9>

Room rates are available

July 9-11

QUESTIONS?

Mary Firestone

MABA Executive Director

845-901-7905

mfirestone@mabiosolids.org

REGISTER ONLINE

<https://bit.ly/3JRdhHL>

2024 MidAtlantic Biosolids Association Summer Symposium Day 1 Program

WEDNESDAY, JULY 10

REGISTRATION & BREAKFAST: DAY 1

7:30am to 3:30 pm	Registration	Outside of the Potomac Room
7:30am to 8:15am	Continental Breakfast	Shenandoah Room

WELCOME AND MORNING SESSION: DAY 1

Presentations in the Potomac Room

8:15am to 8:30am	MABA President's Welcome	Anne Marek, MABA
8:30am to 8:45am	MABA Update	MABA Committee Chairs
8:45am to 9:15am	MABA Region Regulatory Update	Lisa Ochsenhirt, AquaLaw
9:15am to 9:45am	Virginia Regulatory/Land App Update	Virginia Biosolids Council

9:45am to 10:15am

BREAK/Exhibits/Networking

Atrium Balcony & Shenandoah Room

10:15am to 10:45am	Harnessing Biosolids to Reclaim Mine Lands: Case Studies from Appalachia	Ryan Cherwinski, Denali Samuel Liebl, Denali
10:45am to 11:15am	Improved Reclamation of Sand & Gravel Mined Lands via Deep Ripping and Biosolids Application	Lee Daniels, Virginia Tech
11:15am to 11:45pm	Next Generation Digestion for the Fugitive Methane Era	Christian Chiodo, Brown & Caldwell

11:45am to 12:00pm

Technology Spotlight: Innovation and resurgence of sub and supercritical water oxidation processes for the destruction of contaminants of emerging concern.

Sudhakar (Sunny) Viswanathan,
374 Water

12:00pm to 1:15pm

LUNCH/Exhibits/Networking

Atrium Balcony & Shenandoah Room

AFTERNOON SESSION: DAY 1

Presentations in the Potomac Room

1:15pm to 1:45pm	Impact of Several Biosolids Stabilization Technologies on PFAS	Todd Williams, Jacobs
1:45pm to 2:15pm	An Experiment to Assess the Fate of PFAS from Land-Applied Biosolids	Jay Slate, City of Watertown, NY
2:15pm to 2:45pm	Bringing "Above and Beyond" to Reality - Practical Considerations for Advanced Solids Processing Implementation	Matt Van Horne, Hazen and Sawyer
2:45pm to 3:15pm	BREAK/Exhibits/Networking	Atrium Balcony & Shenandoah Room
3:15 to 3:45pm	Gasification and Pyrolysis of Municipal Wastewater Biosolids-Design, Operation, and Maintenance Considerations	Jay Surti, GHD
3:45pm to 4:15pm	Updates from Ecoremedy Fluid Lift Gasification Projects in PA and WA	Dion Banks, EcoRemedy, LLC
4:15pm to 4:45pm	Ultra-High Temperature Gasification for Biosolids Treatment, PFAS Destruction, & Hydrogen Production	Jim Henderson, Heartland
4:45pm to 5:00pm	Eliminate PFAS from Biosolids Using High-Temperature Pyrolysis (HTP)	Andrew Friedenthal, CHAR Technologies

EVENING RECEPTION/AWARDS CEREMONY: DAY 1

5:30pm to 7:30pm	Networking Reception/2nd Annual MABA Recognition Awards Ceremony	Magnolia Room located on 1st Floor
------------------	--	---



PLANT TOUR: Henrico Water

Host: James Grandstaff

Henrico County

Department of Public Utilities

9101 WRVA Rd, Henrico, VA, 23221

(Must use the address above, not Google's!)

Those interested should give their contact information to Mary Firestone and they will need to arrange private transportation.

2024 Mid-Atlantic Biosolids Association Summer Symposium Day 2 Program

THURSDAY, JULY 11

DAY 2

7:30am to 8:00am	Transport to site visit	Henrico Water, Dept. of Utilities
8:00am to 9:30am	Plant Tour: Henrico County, Virginia	
9:30am to 10:30am	Transport to conference from tour	
10:30am to 4:30 pm	Registration	Outside of Potomac Room

WELCOME AND MORNING SESSION: DAY 2

Presentations in the Potomac Room

10:30am to 11:00am	Falling Creek WWTP Digester Improvements	David Nixon, WRA, LLC. Ed Edmondson, WRA, LLC.
11:00am to 11:30am	Bench-scale Pilot Testing to Evaluate Conventional MAD and TPAD for Lynchburg Regional WRRF	Emma Guertin, Brown and Caldwell
11:30am to 12:00pm	Construction Update from Back River WWTP - Rehabilitation of the Anaerobic Digestion System	Maia Tatinclaux, RK&K Jordan Wolfe, RK&K Allyson Myers, RK&K
12:00pm to 1:15pm	LUNCH/Exhibits/Networking	Atrium Balcony & Shenandoah Room

AFTERNOON SESSION: DAY 2

Presentations in the Potomac Room

1:15pm to 1:45pm	Challenges and Benefits of Co-Digestion Program: Case Studies	Ganesh Rajagopalan, AECOM
1:45pm to 2:15pm	An Innovative Technology for Increased Biogas Generation and Reduced Solids Production: Case Study at Goleta Sanitary District	Jim Dunbar, Lystek
2:15pm to 2:45pm	Nitrate Pathway Leads to Cleaner Digestion and More Biogas	Matthew Williams, Thermal Process
2:45pm to 3:15pm	BREAK/Exhibits/Networking	Atrium Balcony & Shenandoah Room
3:15pm to 3:45pm	Biogas to Commercial Quality RNG: The first biogas to pipeline project in Virginia	Paul Bassette, Carollo Asmita Deshmukh, Carollo
3:45pm to 4:15pm	Thermal Dryer Batch Testing at the Moccasin Bend Wastewater Treatment Plant	Natalie Switala, Material Matters
4:15pm to 4:45pm	Issues, Concerns, and Solutions for Drying Undigested Primary Sludge	Chip Pless, LCI Corporation
4:45pm to 5:00pm	Summary and Closing Remarks	Mary Firestone, MABA Executive Director