



## WHO SHOULD ATTEND?

Wastewater treatment operations and maintenance personnel, utility directors, researchers, engineers, students, compliance regulators, and environmental consultants.

## REGISTRATION (until June 30)

\$300 MABA Members  
\$400 for Non-Members  
Contact MABA (below) for non-business and public agency discounted rates

**Registration fees increase by \$50 for all categories after June 30, 2022**

## HOTEL RESERVATIONS:

**DoubleTree Resort by  
Hilton Hotel Lancaster**  
2400 Willow Street Pike  
Lancaster, PA 17602  
757.464.2711

**Block Rate through June 28: \$179**

[https://www.hilton.com/en/attend-my-event/  
lnswvdt-sts-0368dd76-2e19-4bcb-91bc-  
2ab6f03eafd2/](https://www.hilton.com/en/attend-my-event/lnswvdt-sts-0368dd76-2e19-4bcb-91bc-2ab6f03eafd2/)

## QUESTIONS?

Mary Firestone, MABA Executive Director  
845.901.7905  
mfirestone@mabiosolids.org

## REGISTER ONLINE:

Visit: [https://maba.memberclicks.net/2022\\_  
summer\\_symposium](https://maba.memberclicks.net/2022_summer_symposium)

2022 Mid Atlantic Biosolids Association  
Summer Symposium:

# Biosolids Quality: New Source Control, Upgraded Treatment, and New Thermal Processes

July 20-21, 2022 | *DoubleTree Resort by Hilton Hotel Lancaster,  
Lancaster, Pennsylvania*

## SEMINAR HIGHLIGHTS

**Expertise.** National experts, facility staff and consultants will share current trends in the evolving biosolids industry, including how to prepare for challenges facing the industry today and how these challenges are driving innovation and redefining how we utilize biosolids, optimize processes, and recover resources.

**Networking.** 80-100 attendees are expected. Meet the speakers at a complimentary reception Wednesday night and network with peers.

**Education.** Receive up to 10 CPEs.

## TUESDAY, JULY 19

**5:30 to 7:30 pm - Young Professionals Networking Event**  
*Terrace Room & Patio*

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

**Cost:** \$30 for MABA Members, \$40 for Non-Members

### Pre-Symposium Event Sponsorships Available:

\$200 non-exclusive member, \$250 non-exclusive non-member,  
\$600 exclusive member, \$700 exclusive non-member.



# 2022 Mid Atlantic Biosolids Association Summer Symposium PROGRAM

## WEDNESDAY, JULY 20

### MORNING SESSION: DAY 1

7:30 am to 3:30 pm	Registration	Palm Court
7:30am to 8:15 am	Continental Breakfast	Palm Court

### KEYNOTE AND MORNING GENERAL SESSION

### SPEAKER(S)

8:15 to 8:30 am	Welcome and Seminar Purpose/Overview	Anne Marek, President, MABA
8:30 to 9:00 am	Anne Arundel County Biosolids Masterplan	Zayneb Mohamed, Hazen and Sawyer, James Howard, Anne Arundel County
9:00 to 9:30 am	Biosolids Planning with Innovative Technologies for a Circular Economy	Dave Parry, Jacobs
9:30 to 10:00 am	Zero to Hero in Building a New Biosolids Land Application Program: A Case Study in North America	James Dunbar, Lystek
<b>10:00 to 10:30 pm</b>	<b>Break</b>	<b>Palm Court</b>
10:30 to 11:30 am	<b>Keynote Session</b> - Panel - Public face of Biosolids	Nora Goldstein, Biocycle, Maile Lono-Batura, WEF, Lina Zeldovich, Chicago Press
11:30 to 12:00 pm	An update on PADEP General Permit developments and regulatory news	MABA Regulatory/ Legislative Committee, MABA
<b>12:00 to 1:30 pm</b>	<b>Lunch</b>	<b>Palm Court</b>

### AFTERNOON SESSION: DAY 1

### SPEAKER(S)

1:30 to 2:00 pm	Is it possible to remove PFAS from Biosolids? A review of different PFAS removal technologies	Ramola Vaidya, HDR
2:00 to 2:30 pm	Decoding the fate and transport of PFAS compounds in sludge undergoing thermal oxidation - Laboratory verification of full scale application	Jon Orr, Veolia
2:30 to 3:00 pm	PFAS Emissions Testing for Biosolids Pyrolysis	Bill Brower, Brown and Caldwell
<b>3:00 to 3:30 pm</b>	<b>Break</b>	<b>Palm Court</b>
3:30 to 4:00 pm	Food Waste Co-Digestion Driven by Climate Change Mitigation	Sarah A. Deslauriers, Carollo
4:00 to 4:30 pm	Sludge Conditioning and Renewable Natural Gas at the Capital Region, PA Water AWTF	Eric Auerbach, Arcadis
4:30 to 5:00 pm	Gas to Grid - Virginia's First RNG Injection Facility	DJ Wacker, RKK



## THURSDAY, JULY 21

### DAY 2

7:30 am to 8:15 pm	Continental Breakfast	Palm Court
8:30 to 10:00 am	Plant Tour: Susquehanna Water Pollution Control Facility	
10:00 am to 3:30 pm	Registration	Palm Court

#### PLANT TOUR: SUSQUEHANA WATER POLLUTION CONTROL FACILITY

Lancaster Area Sewer Authority (LASA)  
4160 Blue Rock Road  
Washington Boro, PA 17582

If transportation is needed, contact MABA for carpool opportunities.

### MORNING SESSION: DAY 2

		SPEAKER(S)
10:30 to 11:00 am	Summary of operations data from the Morrisville Biosolids Gasification Pilot, PA	David Mooney, <i>Ecoremedy, LLC</i>
11:00 to 11:30 am	Thermal hydrolysis at Clinton River Water Resource Recovery Facility: Two years operational experiences	Paul Christy, <i>Cambi</i>
11:30 to 12:00 pm	Unattended operation using unique design features & remote-monitoring and SCADA optimizes dryer capacity and performance	Rick Treleven, <i>BCR Environmental Corporation</i>
<b>12:00 to 1:30 pm</b>	<b>Lunch</b>	<b>Palm Court</b>

### AFTERNOON SESSION: DAY 2

		SPEAKER(S)
1:30 to 2:00 pm	Using Sludge Rheology in Solids Systems Design, Planning, and Operation	Tracy Chouinard, <i>Brown and Caldwell</i>
2:00 to 2:30 pm	Nutrient Recovery - Balancing nutrients	Melissa Meyer, <i>Hazen &amp; Sawyer</i>
2:30 to 3:00 pm	Thin Film Dryer - A Unique Biosolids Dryer	Chip Pless, <i>LCI</i>
<b>3:00 to 3:30 pm</b>	<b>Break</b>	<b>Palm Court</b>
3:30 to 4:00 pm	An Update on the BEAM Project	Bill Brower, <i>Brown and Caldwell</i>
4:00 to 4:30 pm	Carbon Credits for (using) Biosolids?	Scott Subler, <i>ClimeCo</i>
4:30 to 4:45 pm	Summary and Closing Remarks	Mary Firestone, <i>MABA</i>