



August 30 - Noon to 1:00 p.m. ET

ABC Webinar: Safety

Biogas plants require safe conditions to contain any potentially harmful trace gases and avoid mishaps. Learn what top safety practices are used to minimize hazards and optimize your operations - especially as they age. Topics include:

- Biogas plant design - meeting applicable codes and standards
- Design considerations - pressure (PRVs, burst disks, tank ratings, covers), freeze protection
- Protective equipment aspects
- Development of a safety plan
- Seismic, wind, extreme weather
- Your questions and answers

**Click here to
register**

An interactive Q&A period will follow the presentations. You may submit your questions directly to the speakers.

This is an event you do not want to miss!

Presenters:



Sara Martin - Project Associate, O'Brien & Gere

Sara has experience in the areas of wastewater design and project management. Her experience includes design-build implementation of anaerobic and aerobic wastewater treatment systems for various industries, specializing in food and beverage. Her experience also includes project development, and implementation of conceptual design and basis of design work, including treatability and pilot studies. She has worked in various new emerging markets, including waste to energy and net zero wastewater facilities.



Norma McDonald - North American Sales Manager, Organic Waste Systems

Norma McDonald has over twenty five years of international experience in a variety of positions relating to fermentation and biochemicals. Her responsibilities have included: Establishing and managing a company focused on anaerobic digestion of organic residuals; purchasing enzymes and specialty chemicals; managing research, development and commercialization of new chemicals and bioplastics; sales and marketing of laboratory services for compostability and biodegradability

testing; sales and marketing of anaerobic digestion systems for organic waste.

Andy Austin - Biosystems Engineer, Manager, Scenic View Dairy, LLC

Andrew is currently employed at the Scenic View Dairy in Fennville, Michigan where he serves as the Biosystems Engineer. His responsibilities include negotiating co-feed agreements to produce higher financial yield, designed and installed waste heat utilization system, and all daily operation and maintenance of seven digesters and 2.4MW of electrical production.

Webinars:

Purchase the entire webinar series by clicking [here](#).

Fee: \$200 for NACWA members

Free for ABC members

Feedstock Management Webinar - Video (1 h 17 min) and Slides [Available Now!](#)

Fee: \$50 for NACWA members

Free for ABC members

Topics:

- Waste receiving: offloading, storing, pumping, and mixing
- Proper biomethane potential (BMP) testing
- Pumping and conveyance: pumping, chopping, and grinding
- Feed control: keeping proper feed rate to prevent overload



Safety - Thursday, August, 30, 12:00pm - 1:00pm ET

Fee: \$80 for NACWA members

Free for ABC members

Topics:

- Biogas plant design - meeting applicable codes and standards
- Design considerations - pressure (PRVs, burst disks, tank ratings, covers), freeze protection
- Protective equipment aspects
- Development of a safety plan
- Seismic, wind, extreme weather

Presenters:

Sara Martin— O'Brien and Gere

Norma McDonald – Organic Waste Systems

Andy Austin – Scenic View Dairy, LLC

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Operation and Maintenance - September 27, 12:00pm - 1:00pm ET

Fee: \$80 for NACWA members

Free for ABC members

Topics:

- Data collection, recording, trending, software
- Testing (VFA, alkalinity, etc)
- Pump maintenance
- Temperature maintenance (winter heat)
- Tank maintenance (grit, floatables)

Presenters:

Presenters to be announced

Click here to
register

Purchase the entire series [here](#).

For your questions, email Nandi Mbazima at nmbazima@ttcorp.com.

American Biogas Council

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