



**Pre Conference Workshop HALF DAY**  
**8:30 AM to 12:00 PM**

## **Navigating Air Permitting for Compost Facilities: History, Compliance, and Future Directions**

This workshop delves into the evolving world of air permitting for composting facilities, combining real-world experience, regulatory insight, and the latest emissions data. Participants will gain a better understanding and learn how permitting decisions are made, what's required to stay in compliance, and how facility design and operations affect air emissions. Led by experts from **Engineered Compost Systems** and **Yorke Engineering**, this session offers a valuable blend of technical, regulatory, and field expertise.

### **Instructors:**

Tim O'Neill - President and Founder, Engineered Compost Systems

Greg Wolffe, C.P.P. (B.A., Environmental Science) – Air Permitting and Dispersion Modeling Specialist, Principal Scientist, York Engineering, LLC

**Fee:** \$295.00 for USCC members, \$350.00 for nonmembers

**Duration:** 8:30 AM to 12:00 PM

**Date:** February 2, 2026

**CCOM™/CCP™ PDHs:** 3.5

### **Agenda**

#### Historical Context

- overview of how air permitting practices have evolved for composting operations

#### The Data

- Current Emissions Research
- Presentation of source testing results and emissions data.

#### Applying for a Permit

- Steps in the permit application process
- Timelines and key milestones
- Toxic Health Risk Analysis modeling overview
- Influence of process technology and feedstocks on emissions profiles

#### Staying in Compliance

- Designing and operating facilities to minimize emissions
- Required tracking, documentation, and reporting
- Preparing for and passing source testing

#### Planning for the future for the Future

- Increasing regulatory scrutiny and expanding pollutant lists
- Opportunities for smarter, more effective permit frameworks

Group discussion, open Q&A, wrap-up

## About the Instructors

**Tim O'Neill** is president and founder of Engineered Compost Systems (ECS). He received his BS and MS in Mechanical Engineering at the University of Washington way back in the 1980's. He has worked as an engineer, researcher and entrepreneur in the composting industry since 1992 and currently serves on the Board of Trustees of the CREF. In recent years he has focused his efforts on leveraging peer-reviewed publications and science-based inquiries to better predict and explain the composting process in order to inform successful facility design, operations and permitting.

**Greg Wolffe, CPP** (B.A., Environmental Science), is a Principal Scientist at Yorke Engineering, LLC with over 35 years of experience in air quality consulting and research. He specializes in air permitting, dispersion modeling, and odor impact assessments for facilities such as composting operations, wastewater treatment plants, and landfills. His expertise includes emissions quantification, ambient air monitoring, health risk assessments, and evaluating biogas processes for odor control technologies. Greg has managed air monitoring networks, conducted odor modeling using dispersion methodologies, and supported the design and permitting of stationary source odor control systems. He has completed numerous air quality and mobile source emissions evaluations across California for various regional air districts.