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

ASP Composting in Practice: Science, Systems, and Field Lessons from a Scientific and Operator Perspective

Composting facilities are being asked to manage more complex feedstocks, tighter operating expectations, and higher scrutiny around odor, emissions, stormwater, leachate, and finished compost quality. Food scraps, source-separated organics (SSO), biosolids, manure, anaerobic digestion (AD) digestate and more can create major performance challenges when moisture, oxygen demand, bulk density, nutrient balance, and site layout are not properly managed.

This half-day, technology-neutral workshop will give attendees a practical and technical understanding of controlled composting systems, with a focus on aerated static pile (ASP) performance in real operating environments. The program brings together PhD-level subject matter experts, system designers, site managers, and operator perspectives to connect compost science with field execution.

The format combines expert-led instruction, applied facility examples, audience polling, guided discussion, question-and-answer sessions, and hands-on problem-solving exercises. Attendees will work through airflow strategy, feedstock blending, odor complaint diagnosis, and site layout risk review. Participants will leave with practical do's and don'ts, stronger troubleshooting skills, and a clearer understanding of how monitoring data, field observations, and corrective actions can improve process control, regulatory compliance, operating efficiency, odor prevention, and finished compost quality.

Instructors:
Ron Westmoreland - Director of Compliance, Cedar Grove Composting
Aaron Osczevski
Dr. Chuck Schmidt
Tom Card
Waylon Pleasanton - Director of Operations, Sustainable Generation®

Fee: $310.00 for USCC members / $365.00 for nonmembers
Duration: 8:30 AM to 12:00 PM
Date: February 1, 2027
CCOM™/CCP™ PDHs: 3.5

Agenda

- How Controlled Composting Evolved: From Windrows to ASP Systems and Airflow Strategies: Positive Air, Negative Air, and Membrane Covers

Hosted By: Ron Westmoreland

- Measuring Compost Site Emissions: Regulatory Methods and Technology
  Hosted By: Dr. CE Schmidt

- Comparing Compost Technology Emissions: Field Assessments, Data, and Compliance Lessons
  Hosted By: Tom Card

- Site and Feedstock Design for Covered Aerated Static Pile (CASP) Performance
  Hosted By: Waylon Pleasanton and Aaron Osczevski

- Wrap Up and Final Q&A
  Hosted By: Waylon Pleasanton and Aaron Osczevski

About the Instructors

Ron Westmoreland is Director of Compliance at Cedar Grove Composting, where he oversees environmental compliance, permitting, regulatory coordination, and operational compliance across the company's composting facilities. With more than 35 years of experience in the composting industry, Ron has built his career from equipment operator and driver to facility manager, construction project coordinator, general manager, and compliance leader.

Throughout his career, Ron has led compost facility operations, environmental management systems, wastewater treatment, manufacturing, transportation, construction, commissioning, and regulatory compliance. He played a key role in the design, construction, startup, and commissioning of Cedar Grove's Everett GORE® Cover composting facility and has managed operations at facilities in Washington and Hawaii. Today, he oversees compliance with solid waste, air quality, stormwater, wastewater, and environmental permits while working closely with regulatory agencies to support safe, efficient, and compliant operations. Ron is a certified GORE® Cover Compost System Operator and completed Compost Facility Operator Training through Louisiana State University.

Aaron Osczevski is an experienced waste and organics management professional with more than 10 years in the waste industry. From landfill and compost facility operations and management, Aaron now supports composting facilities across North America and Oceania, providing operational leadership, technical guidance, and strategic insight focused on facility performance, process optimization, and long-term reliability. Aaron holds a degree from the University of Alberta and is a Compost Council of Canada Certified Instructor.

Dr. Chuck Schmidt has been working in the field of area source assessment since 1980. His background is analytical chemistry and most of his professional career has been developing and using direct measurement technologies for assessing air emissions, in particular the USEPA flux chamber technology he developed while at Radian Corporation. In addition, Chuck and Tom Card modified, tested, and published the use of the USEPA flux chamber technology for advective sources which has become the required technology for assessing air emissions from advective flow sources at compost sites (SCAQMD Rule 1133.3, Attachment A). He has numerous articles on assessing air emissions from various compost technologies as well as other area sources (e.g., landfills, WWT facilities, dairies,

lagoons, hazardous waste sites, groundwater impacted parcels and buildings, vapor intrusion, etc.) and has conducted many compost site air emission assessments for clients.

Tom Card is internationally recognized for the assessment and control of odors, air toxics, and volatile organic compounds (VOCs) from waste treatment facilities. He has written nine books on air and odor emissions and participated in over 200 air quality projects over the last 40 years. He has been the Chairman of the Air Quality Technical Committee of the American Society of Civil Engineers and the Program Committee for the Water Environment Federation for the Odor and Air Emissions Technical Sessions. He is expert in the design and operation of activated carbon systems, biofiltration systems, packed towers, atomized mist systems, and thermal incineration systems as well as hydrogen sulfide fate modeling in wastewater collection systems. Mr. Card has been working as an engineer generating air emission assessments from various sites with area sources using data collected from direct field measurement using the USEPA flux chamber technology as well as the SCAQMD Modified USEPA flux chamber technology. He has numerous articles on assessing air emissions from various compost technologies as well as other area sources (e.g., landfills, WWT facilities, dairies, lagoons, hazardous waste sites, groundwater impacted parcels and buildings, vapor intrusion, etc.) and has conducted many compost site air emission assessments for clients over the past 15 years.

Waylon Pleasanton is the Director of Operations at Sustainable Generation®, bringing over 25 years of experience in recycling, landfill, and composting operations. He began his career at the Delaware Solid Waste Authority (DSWA), where he helped launch the state's first curbside recycling program and oversaw yard waste composting at the Cherry Island Landfill using GORE® Cover Mobile Systems. His interest in composting was sparked early by DSWA's visionary CEO, NC Vasuki, who championed alternative waste management and inspired Waylon to see municipal solid waste not as an endpoint, but as a resource to be recovered and repurposed.

Waylon joined SG in 2013 and has been instrumental in the company's expansion ever since. Throughout his career, Waylon has developed a well-rounded operational skill set that spans technology implementation, permit compliance, lab data analysis, budgeting, personnel management, and regulatory navigation. His experience with public-sector waste systems and private-sector innovation allows him to bring a balanced, strategic perspective to SG's projects that customers trust when making critical decisions about multi-million-dollar composting infrastructure.