

Fall 2019 Workshop Conference Agenda

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Wednesday, October 23, 2019 - Technical Sessions

9:00-11:30 AM Clean Air Act 101: Hilton Ballroom West (Pre-Registration and Additional Fee Required)

Amy Marshall, P.E., Technical Director, ALL4

In this workshop, we will review the Clean Air Act (CAA) and subsequent Amendments (CAAA) that reflect the intent of Congress to address air quality. We will discuss the significance of the CAA and subsequent amendments and cover several important definitions and acronyms. Though most of us don't work directly with the CAA and CAAA on a daily basis, these acts of Congress are the core statutory drivers behind everything that we do as air quality professionals. This workshop will give you the foundation to understand the basis of the federal and state air quality regulations that we deal with every day.

10:00 AM-4:30 PM – Registration – Atlantic View II

11:30 AM-1:30 PM – Young Professionals Committee Lunch Meeting – Hilton Ballroom East (RSVP Required)

(Session Chair: Katelyn McIntosh, Young Professionals Committee Leader)

1:30-1:40 PM - Welcome & Introductory Remarks – Palisades ABC (Bill Lane, CAPCA Vice President)

1:40–3:00 PM - Navigating the Permitting Process Part I: Getting to a Draft Permit (Session Chair: Rich Weber, CAPCA Past President)

Joe Sullivan, P.E., Senior Project Manager, AECOM

Diane Humphries, Manager, Coastal Plain and Power Permitting Section, SC DHEC

Heather Sands, Permitting Engineer, NC DAQ

This session will cover everything you need to know to develop a complete air permit application suitable for agency review. Permit application preparation, including pre-planning and data gathering, document and forms preparation, and effective interaction with regulatory agencies will be covered. State-specific requirements, preferences and recommendations associated with permit applications and negotiations will also be addressed. This is a must session if your facility is thinking about increasing equipment throughputs, modifying or adding equipment, or increasing production.

3:00-3:30 PM – Break

**3:30-5:00 PM Navigating the Permitting Process Part II: Crossing the Goal Line to a Final Permit
(Session Chair: Rhonda Thompson, CAPCA Director)**

Lawra C. Boyce, Community Engagement Coordinator, SC DHEC

Beth Partlow, Law Offices of Elizabeth B. Partlow, LLC

We all know that public participation is a regulatory requirement for some air permits, but how can it be a useful and effective tool in the permitting process and beyond? Come join this session to learn about practical ways industries can engage with their community before, during, and after the permitting process to prevent costly delays and implement sustainable solutions. But...what happens after all efforts to engage the community still result in an appeal of the permit? What happens when the facility is not happy with its draft permit? This session will also describe the administrative appeals process to challenge an environmental permit in South Carolina and North Carolina.

5:15-6:15 PM – Cornhole Hour

CAPCA's Young Professionals Committee is hosting an hour of relaxation and refreshment. Before heading to the Wednesday evening symposium, visit the north lawn by the pool and enjoy a round of cornhole, a cool drink provided by BLE, and a bit of conversation. The event is open to all CAPCA attendees.

6:15-8:00 PM – Symposium by the Pool

8:15 PM - North Tower Band – Hilton Ballroom

Come and enjoy the show with great music and shagging in honor of CAPCA's 50th Anniversary.

Thursday, October 24, 2019 - Morning Technical Sessions

7:30-8:30 AM – Coffee, etc. in Exhibit Hall - Palisades

8:00 AM – 4:00 PM – Registration Continues – Atlantic View II

**8:30 – 8:40 AM - Welcome & Introductory Remarks – Palisades ABC
(Duane Mummert, CAPCA President)**

**8:40 – 9:00 AM – CAPCA 50th Anniversary: Some Interesting Air Quality History – How We Got Here
(Session Chair: Dale Overcash, CAPCA Governance Committee)**

This special 50th anniversary session will take a historical look at the early days of air quality regulation along with key events associated with the growth and evolution of CAPCA, the agencies, and the air quality programs.

**9:00 - 9:30 AM – North Carolina Update
(Session Chair: Duane Mummert, CAPCA President)**

Mike Abraczinskas, Director, Division of Air Quality, NC DEQ

This presentation will provide an update on air quality priorities and activities before the NC Department of Environmental Quality.

**9:30 - 10:00 AM - South Carolina Update
(Session Chair: Duane Mummert, CAPCA President)**

Rhonda Banks Thompson, P.E., Chief, Bureau of Air Quality, SC DHEC

This presentation will provide an update on air quality priorities and activities before the SC Department of Health and Environmental Control.

10:00 - 10:30 AM – Break in Exhibit Hall - Palisades

10:30 – 11:00 AM – EPA Update

(Session Chair: Duane Mummert, CAPCA President)

Beverly Banister, Deputy Regional Administrator, EPA Region 4

This presentation will provide an update on activities and priorities for EPA Region 4 on air quality matters and how these affect sources in North and South Carolina.

11:00-11:30 AM Q&A with Morning Speakers

(Session Chair: Duane Mummert, CAPCA President)

11:30 AM – Noon – CAPCA 50th Anniversary: Let's Play Jeopardy

(Session Chair: Jessica King, CAPCA Secretary)

She's no Alex Trebek, but Jessie King will throw out answers to CAPCA and Clean Air Act questions to remind us all of how far we've come in the last 50 years when it comes to air quality and CAPCA conferences! Answers will cover 50 years of advancements in air laws, technology and equipment, environmental strategies, and yes, conference amenities, costumes, and CAPCA whoopsies!

Noon-1:00 PM – Lunch – Beachcombers, Café Almalfi, Palisade South, and the Plaza

Thursday, October 24, 2019 - Afternoon Technical Sessions

1:00 – 1:30 PM Program Committee Meeting (Session Chair: Bill Lane, Vice President)

All attendees are invited to share ideas and suggestions for future CAPCA programs. The meeting will be held in the back of the main meeting room.

1:00 – 1:30 PM Young Professionals Meeting (Session Chair: Katelyn McIntosh)

The meeting will be held in the front of the main meeting room to obtain Young Professionals' input and discuss program suggestions.

1:30 – 3:00 PM – CAPCA 50th Anniversary: The Future of Air Quality Issues

(Session Chair: Bill Lane, CAPCA Vice President)

Sushma Masemore, P.E., Deputy Assistant Secretary & State Energy Director, NC DEQ

Aaron Hula, Technology Advisor, Office of Transportation and Air Quality, US EPA

Robbie Brown, Director, Air Assessment and Regulation Division, SC DHEC

Have you ever wondered what would be on the agenda at a CAPCA conference in 25 years? As we celebrate the 50th anniversary of CAPCA, we take a look at how ongoing technological and economic changes might shape the future of air quality issues. In this session, our speakers will discuss potential advances related to energy generation and transportation, several of which are already underway. The discussion will also cover future trends related to Clean Air Act programs, such as national ambient air quality standards and regional haze.

3:00 – 3:30 PM – Break in Exhibit Hall - Palisades

3:30 - 4:15 PM - EPA Enforcement and Compliance Assurance Update

(Session Chair: Rhonda Thompson, CAPCA Director)

Carol Kemker, Deputy Director, Enforcement and Compliance Assurance Division, EPA Region 4

In April 2019, EPA Region 4 underwent an organizational realignment. A new division, the Enforcement and

Compliance Assurance Division, was formed. This session will outline the role of this new division and the EPA's seven 2020-2023 National Compliance Initiatives for the air, water, waste, and chemical safety programs.

4:15 – 5:00 PM- Incident Response: Fact, Fiction, and Perception

(Session Chair: Barbara Sease, CAPCA Director)

Aili Wilen, Environmental Manager, American Zinc

Justin Hahn, HEPACO

At CAPCA's Spring 2019 conference, Aili Wilen of American Zinc presented how incident response could go badly, using a mock incident at a fictional facility, with the incident including an oil spill, a fire and a nitric acid release. Fewer than 3 weeks later, a real-life incident that was eerily similar to the mock incident occurred at American Zinc. Ms. Wilen will speak about the real April 2019 incident, which included a fire and sulfuric acid release, comparing facts with fiction, and discussing the role played by public perception.

Justin Hahn of HEPACO was previously employed by Norfolk Southern. On January 6, 2019, a Norfolk Southern train derailed in Georgia, causing a release of hydrogen peroxide, hydrochloric acid, and minimal amounts of chlorine. This incident occurred exactly 14 years after the disastrous derailment in Graniteville, South Carolina, which killed 9 people and caused 250 people to seek treatment for chlorine gas exposure. Mr. Hahn will discuss the lessons learned from the Graniteville incident and how they resulted in a much more favorable outcome in Georgia.

5:30-7:30 PM – Symposium in Exhibit Hall - Palisades

Friday, October 25, 2019 - Morning Technical Sessions

7:30-8:30 AM - Coffee, etc. in Exhibit Hall - Palisades

8:20 AM – Registration Continues – Atlantic View II

8:30 – 8:35 AM – Welcome & Introductory Remarks – Palisades ABC

(Duane Mummert, CAPCA President)

8:35 – 8:50 AM – CAPCA 50th Anniversary: Recognizing our Past Presidents and More CAPCA History

(Session Chair: Randy Taylor, CAPCA Marketing Committee)

During this session, we will recognize our CAPCA Past Presidents with some historical facts and we will present a CAPCA video collage of past conference pictures and various presidential speeches on air quality and the Clean Air Act presented over the years.

8:50 – 10:00 AM - Mock Inspection/Enforcement Action

(Session Chair: Jessica King, CAPCA Secretary)

Ray Stewart, NC DAQ

Michael Pjetraj, NC DAQ

Taylor Hartsfield, NC DAQ

Katelyn McIntosh, Wood PLC

Ben Mowczan, Williams Mullen

Ever wonder what happens during and after an air quality inspection? Join us for a quick peek into a typical air inspection, enforcement conference, and courtroom cross-examination from the perspective of the regulators, industry and environmental attorneys. Attendees should leave this session with a better understanding of how to prepare for an unexpected air quality inspection, what to expect when potential permit violations are discovered, and how to put your company - or your client – in the best position possible when things go wrong.

10:00-10:45 AM – Pick up PRE-ORDERED Certificate of Attendance (outside Palisades ABC)

10:00 – 10:45 AM – Break in Exhibit Hall - Palisades

10:45 AM – Noon – Indoor Environmental Quality, Mold and Industrial Hygiene Issues and a Short History of Air Pollution Control Measures

(Session Chair: Kevin Nesbitt, CAPCA Treasurer)

Bob Claiborne, Terracon

Jonathan Hale, Air Systems

This session will provide an overview of the parameters that comprise indoor environmental quality, focusing on mold, what mold consists of, the requirements for growth indoors, resultant health effects, remediation and prevention. It will include an overview of Industrial Hygiene sampling and limits for comparison, discussing the background for establishing the OSHA PELs, and the case for applying both regulatory standards and voluntary guidelines when evaluating sample results. There will be a short overview of the history of air pollution control measures from Cave Men to the present day.

12:15 PM – Lunch and Annual CAPCA Business Meeting – Dunes Ballroom