

**CAPCA SPRING 2023 PROGRAM
ASHEVILLE, NORTH CAROLINA**

SESSION TIME	TIME SLOT	TOPICS	CHAIR	SPEAKERS
WEDNESDAY MORNING	9:00-11:30	<p><u>Basics of Visual Opacity – Method 9</u> The workshop will include an introduction to US EPA Method 9; state, an overview of state, federal and local regulations; the importance of using Method 9; the principles of visible emissions measurements; alternate visible emissions measurements; US EPA Method 22; a visible emissions practice session; and answers to your visible emissions questions. Attendees that complete this workshop will be qualified to conduct Method 22 testing.</p>	Tim Agner	Marty Hughes, Senior Lecturer/Field Instructor Eastern Technical Associates (ETA)
WEDNESDAY NOON	11:30-1:30	Young Professionals Committee Lunch Meeting	Sanjam Singh and Pierce Werner	
WEDNESDAY PM	1:30-1:40	Conference Welcome & Introductory Remarks	Rhonda Thompson, CAPCA Vice President and Chair of Program Committee	
	1:40-2:20	<p><u>Compliance Short #1: Gaining Efficiency and Adding Quality in LDAR Compliance Using Technology</u></p> <p>Leak Detection and Repair (LDAR) compliance can be challenging for all stake holders responsible for compliance. From the monitoring technician in the field, to the environmental staff managing reporting to the maintenance team completing repairs to findings, there are opportunities to make each team members tasks more efficient with added quality control through automated compliance.</p>	Margaret Sembos	David Owen, President and Principal Senior Scientist Environmental 360, Inc.

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WEDNESDAY PM	2:20-3:00	<p><u>Compliance Short #2: Monitoring Ammonia and NOx in Gas Streams</u></p> <p>With more and more emphasis being placed upon Nitrogen Oxide (NOx) emissions and the use of ammonia-based reagents to minimize NOx emissions, using the minimum amount of an expensive reagent has become paramount for efficient operation. To aid in this, it becomes quite useful and sometimes required to measure the amount of ammonia in the flue gases leaving the process. This can be coupled with NOx inlet/outlet measurements or simply with outlet compliance for effective usage. This presentation deals with the most common ways to monitor ammonia slip in addition to the traditional measurement for NOx present in the gaseous streams. We will discuss the five current common methods of monitoring, the advantages and disadvantages of each method, and the relative costs to implement and use these options.</p>	Rob VandenMeiracker	Jeff Wheeler, Managing Director CEMS Division Air Technologies, Inc.
	3:00-3:30	BREAK		
	3:30-4:15	<p><u>Compliance Short #3: Advanced Data Technologies to Support Compliance</u></p> <p>The landscape of technologies available to support compliance reporting is constantly evolving, bringing with it new capabilities to assist organizations with their overall data management and reporting requirements. In this session we will review the current technologies available at each of the key stages of the data life cycle - collection, management, analysis and reporting - that organizations can utilize to support their compliance process. For each stage, we will review applicable technologies, key considerations for implementation and spotlight examples of successful industry applications.</p>	Ruth Albright	Jason Samus Program Manager/Senior Business Analyst EA Engineering, Science, and Technology, Inc., PBC

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WEDNESDAY PM	4:15- 5:00	<p><u>Compliance Short #4: Air Compliance Inspection: The Good, The Bad, and The Ugly</u></p> <p>Ever given thought to the good, the bad, and ugly of air quality compliance inspections? Join us for a peek into typical and atypical compliance inspections from the perspective of state regulators. Best practices and successful implementation will be demonstrated. The presenters will also touch on bad execution via common pitfalls and lessons learned. Finally, examples of lack of preparation illustrate ugly outcomes and situations to avoid.</p> <p>Attendees should leave this session with a better understanding of how to prepare for an unannounced compliance inspection, how to make sure things go smoothly, and how to avoid any dreaded violations. Be prepared to witness the good, the bad, and the ugly of air quality compliance inspections!</p>	Melvin Stroble	<p>Ray Stewart, P.E., Regional Supervisor, Winston Salem Regional Office, Division of Air Quality, NC Department of Environmental Quality</p> <p>Taylor Hartsfield, Regional Supervisor, Raleigh Regional Office, Division of Air Quality, NC Department of Environmental Quality</p> <p>Alan Risa, Environmental Health Manager, Bureau of Environmental Health Services, South Carolina Department of Health and Environmental Control – Aiken Office</p>

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THURSDAY APRIL 13, 2023

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SESSION TIME	TIME SLOT	TOPICS	CHAIR	SPEAKERS	
THURSDAY AM	8:30-8:40	Welcome & Introductory Remarks	Mike Abraczinskas, CAPCA President		
	8:40-9:30	EPA Division Updates: 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.	Mike Abraczinskas	Caroline Freeman, Director Air & Radiation Division USEPA Region 4 Carol Kemker, Director Enforcement and Compliance Assurance Division USEPA Region 4	
	9:30-10:30	Fireside Chat with the Air Directors: Join us for a “fireside chat” with the NC and SC air directors where the moderator will ask questions of interest to the air quality community. Send in your questions ahead of this session at capcaquestions@gmail.com	Jessie King	Rhonda Banks Thompson, P.E., Chief, Bureau of Air Quality SC Department of Health & Environmental Quality Mike Abraczinskas, Director, Division of Air Quality NC Department of Environmental Quality	
	10:30-11:00	Break			
	11:00-11:30	Morning Speakers Q&A Session	Jessie King	Morning Speakers	
	11:30-12:00	Update from the USEPA Regional Administrator	Mike Abraczinskas	Daniel Blackman, Regional Administrator USEPA Region 4 (invited)	
	12:00-1:00	Lunch			

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	1:00-1:30	Program Committee Meeting/Young Professionals Meeting		
THURSDAY PM	1:30-3:00	<p><u>Permitting Basics: Part 2 – The Application Review Process</u></p> <p>Now that the permit application has been submitted to the permitting agency, what happens next? This session will explore what it takes to get a permit application deemed complete; the technical review process; and public participation activities, including public notice, community meetings, hearings, responding to public comments and community engagement. Also, during this session, there will be an overview of the Title VI laws and authorities and how the EPA is addressing environmental justice, civil rights, and cumulative impacts on communities in permitting and other decision making.</p>	Rhonda Thompson	<p>Tony Jabon, P.E. Regional Director Trinity Consultants</p> <p>Monica Taylor, Public Participation Coordinator Bureau of Air Quality, SCDHEC</p> <p>Lilian Dorka, Deputy Assistant Administrator for External Civil Rights Office of Environmental Justice and External Civil Rights US EPA</p>
	3:00-3:30	Break		
	3:30-5:00	<p><u>PFAS in the Environment – The Importance of the Air Emissions Pathway (continued)</u></p> <p>Per- and Polyfluoroalkyl Substances (PFAS) are widely used, long lasting chemicals, components of which break down very slowly over time. Much of the interest and research into health impacts, and regulatory developments over the last decade have focused on PFAS in water. However, the importance of the air quality pathway has become better understood in recent years. This session will focus on a brief regulatory update on PFAS, the latest on thermal treatment methods, and PFAS stack test methods that are available to quantify PFAS air emissions.</p>	Jessie King	<p>Matt Traister, P.E., Vice President Ramboll</p> <p>Bill Norris, Technical Manager Ramboll</p> <p>Stephen Jackson, US EPA, ORD, CEMM</p>

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FRIDAY APRIL 14, 2023

	9:00-9:05	Welcome & Announcements	Mike Abraczinskas, CAPCA President	
FRIDAY AM	9:05-10:30	<p><u>PM NAAQS - Challenges with a more stringent standard</u></p> <p>This session will provide an overview of the proposed changes to the PM NAAQS, challenges industry will face with a lower standard, and suggestions for mitigating the effects of a lower standard. The first part of the session will focus on the background, possibilities for creative implementation strategies, and general thoughts on path forward under a lower standard. The second part of the session will focus on specific permitting and modeling case studies and how specific challenges were overcome, with an eye on what additional effort might be needed under a lower standard.</p>	Amy Marshall	<p>Ryan A. Gesser, CCM Senior Manager, Air Quality Division Georgia-Pacific</p> <p>Dale Overcash, P.E. Principal Consultant Trinity Consultants</p> <p>Jon Hill, Managing Consultant Trinity Consultants</p>

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<p align="center">FRIDAY AM</p>	<p align="center">10:30-11:45</p>	<p><u>Legal Perspectives: Ins-and-Outs of the Attorney-Client Privilege & Voluntary Self-Disclosure and Environmental Audit Policies</u></p> <p>- <u>Uses and Limits of the Attorney-Client Privilege.</u> When does the attorney-client privilege apply? Does it apply to communications with in-house counsel? Does it extend to consultants or other non-attorneys working on legal matters? What about engineering performance tests or compliance audits? Pierce Werner will review the basics of the attorney-client privilege, and then take a deeper dive into recent court decisions and examples of uses (and limits) of the privilege.</p> <p>- <u>Self-Disclosure and Environmental Audit Policies.</u> Federal and state policies can eliminate or significantly reduce penalties for non-compliance matters that are voluntarily discovered and disclosed by facility operators, and can protect documents and communications created during a voluntary compliance audit. However, the policies only apply if the facility meets specific qualifying criteria. Mallory Sparks will discuss these policies, including what the policies cover and what they do not.</p>	<p align="center">Fern Paterson</p>	<p align="center">Pierce Werner, Attorney Moore & Van Allen</p> <p align="center">Mallory Sparks, Attorney Parker Poe</p>
<p>11:45am CONFERENCE WRAP UP, GIFT CARD DRAWINGS, ADJOURN</p>				