



CONFERENCE SESSIONS

Environment, Health & Safety Track

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SESSION 1

● 6/13/2022 | 10:20 a.m. – 11:25 a.m. (Texas Ballroom C)

Managing the Transition to Fluorine-Free Firefighting Foams - Part 1

Per and polyfluoroalkyl substances (PFAS) have been widely used in consumer products and industrial processes, including in aqueous film-forming foams (AFFF) that the terminal industry has relied on for decades. Evidence of negative health and safety impacts of PFAS exposure have led to an accelerating trend of PFAS regulation at the Federal and state level.

This workshop will provide attendees with a high-level understanding of several aspects of PFAS including:

- A current snapshot of PFAS state and federal regulations, along with resources to stay up to date with evolving regulations.
- Tools to identify PFAS in the environment and guide subsequent decision-making, and
- Management and mitigation strategies including options for replacement of PFAS-containing AFFF and passive and active treatment.
- Highlights from recent research and development on PFAS destruction technologies.

Overall, participants will also come away with a deepened understanding of the complexities and timeline for setting PFAS regulatory standards and in some states, transitioning to fluorine-free foams. Both the range of assumptions involved in site-specific risk assessments and the challenge of identifying PFAS sources contribute to this complexity. For example, PFAS has been used in numerous industrial and commercial products and processes, PFAS precursors degrade into other PFAS species, and the PFAS class of chemicals is extremely persistent in the environment. Presenters will describe forensic tools available to determine likely sources of PFAS; compare PFAS detections and on-site signatures to background concentrations; and further develop the conceptual site model.

PFAS risk evaluation and mitigation measures are now a high priority for terminal operators, who will need a strategy to reduce long-term liability and comply with evolving regulatory standards. Successful management of PFAS liabilities will require a combination of proactive risk reduction strategies and mitigation measures, such as management of AFFF use and storage, product replacements, engineering controls, and passive and active treatment. Participants will hear about examples of mitigation measures that can reduce PFAS liability at their facilities and reduce PFAS fate and transport in the environment

- Haley Armstrong, AJW, Inc. (Moderator)
- Elisabeth Hawley, P.E. (CA), Geosyntec Consultants
- Seth Kellogg, Geosyntec Consultants

SESSION 2

● 6/13/2022 | 11:30 a.m. – 12:35 p.m. (Texas Ballroom C)

Managing the Transition to Fluorine-Free Firefighting Foams - Part 2

This session description will be updated shortly.

- Caitlin Clark, AJW, Inc. (Moderator)
- Oliver Houlbert, BioEx
- Steve Pepper, CSP, Phillips 66

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SESSION 3

● 6/13/2022 | 2:25 p.m. – 2:55 p.m. (Texas Ballroom C)

AMPPing up Your Corrosion Management: Introducing the Association for Materials Protection and Performance

Would your terminal facility benefit from access to the latest thinking on corrosion management? If this sounds important to you, be sure that you or a coworker joins us for this informative session to introduce the Association for Materials Protection and Performance to the ILTA community.

Who is the Association for Materials Protection and Performance? Formed in 2021 through a strategic merger of the National Association of Corrosion Engineers (NACE) and the Society for Protective Coatings (SSPC), AMPP is a global community of professionals dedicated to materials protection through the advancement of corrosion control and protective coatings. AMPP protects infrastructure and assets worldwide through member and workforce education and credentialing, company accreditation, technological innovation, and global standardization.

AMPP represents the largest global community of corrosion and protective coatings professionals. Its members are dedicated to advancing technical and practical expertise in corrosion prevention and control. AMPP provides members with the knowledge and resources to ensure high performance materials are used to build and maintain sustainable infrastructure.

Our expert speaker will explain how you, and others at your company, can benefit from the resources available from AMPP. Please join us!

- **Michael Stroud, ILTA (Moderator)**
- **Melanie Diaz, AMPP**

SESSION 4

● 6/13/2022 | 3:00 p.m. – 4:10 p.m. (Texas Ballroom C)

Spill the Details! Updates, New Sites, and What Gets Missed in Spill Prevention Control, & Countermeasure (SPCC) Compliance

Most terminal operators have everything covered in their SPCC plans for large tanks of one-million gallons or more – but the EPA will issue fines for missing the little tanks and equipment as well. Are you sure that your facility is fully up to date on SPCC regulations, including recent revisions and enforcement trends? Are you certain that you are capturing the smaller tanks and equipment that your peers may be overlooking in their own SPCC plans?

This important presentation will help both consultants and owner operators of terminal facilities in maintaining compliance with SPCC regulations. Our expert speaker will provide an overview of the EPA 40 CFR 112 SPCC regulation and recent regulatory updates to the rule. Participants will receive insight on:

- Constructing a solution timeline for meeting the six-month deadline for new facility plan.
- Scenarios for unusual tank configurations and oil-filled equipment that can commonly be overlooked for terminal SPCC plan inclusion.
- Inspection and training requirements for SPCC regulated facilities and common SPCC violations.
- **Bernt Netland, ITC (Moderator)**
- **Gary Diewald, PE, Antea Group**

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SESSION 5

● 6/13/2022 | 4:15 p.m. – 5:15 p.m. (Texas Ballroom C)

Emissions Monitoring - A New Frontier

Regulatory monitoring of remote terminals and pipelines is inefficient with time-consuming activities and difficulty of accessing situational information. Small leaks are even more difficult to find and could lead to other concerns. This presentation provides an overview of how these challenges are addressed with a solution unique to P&T assets of varying sizes, locations, operations criticality and compliance requirements.

- **Traci Johnson, International-Matex Tank Terminals LLC (Moderator)**
- **Michael Harris, FHR**
- **Roger Nounou, mPACT2WO, a Molex Business**

SESSION 6A

● 6/14/2022 | 9:50 a.m. – 10:20 a.m. (Texas Ballroom C)

OSHA Regulatory Update: What You Need to Know

Regulatory monitoring of remote terminals and pipelines is inefficient with mostly time-consuming, routine monitoring and/or missed detections. Small leaks are even more difficult to find leading to public complaints. This presentation provides an overview of how these challenges are addressed with a solution unique to P&T assets of varying sizes, locations, operations criticality and compliance requirements.

Existing emissions monitoring solutions are fragmented and inefficient. Manual walkaround monitoring, Fenceline passive sampling and subjective AVO monitoring of Tank Farms & Terminals are error-prone with potential for regulatory violations and long delays in detection responses. It is time to re-think emissions monitoring with a shift from time-based to event-based monitoring and a holistic solution for various dimensions of emissions monitoring. This new frontier for emissions monitoring enables real-time leak detection and timely repairs, reduced LDAR/Fenceline emissions, enhanced process safety and maintenance procedures.

- **Kathryn Clay, ILTA (Moderator)**
- **Micah Smith, Conn Maciel**

SESSION 7

● 6/14/2022 | 11:05 a.m. – 12:15 p.m. (Texas Ballroom C)

Clearing the Air: Environmental Permitting, Compliance, and Environmental Justice Issues

Join us for this important session featuring an industry panel of liquid terminal environmental managers who will discuss the latest environmental permitting, compliance, and environmental justice issues affecting our industry. These environmental compliance professionals will share their insights and observations concerning trends in compliance issues for terminals, recent federal and state regulatory developments and agency initiatives; and air permitting challenges including timelines, modeling, control, and public participation. The discussion will also bring attention to the tools and resources terminal professionals can utilize in rising to meet these challenges.

In this highly interactive discussion, all participants will be asked to share what topics are most important for them in their own work. Discussion topics will include—but not be limited to—the latest developments for:

- EPA NESHAP Risk and Technology Review (RTR) actions
- State Rules including Maine Chapter 171 Regulations
- EPA FLIR surveys by helicopter
- Environmental Justice

Be sure to join us for this important opportunity for a comprehensive update on air regulations as well as valuable peer to peer learning.

- **Traci Johnson, International-Matex Tank Terminals LLC (Moderator)**
- **Brian Burdorf, Trinity Consultants**
- **Keith Ocheski, Buckeye Partners, LP**