

Pre-Conference Workshop Descriptions

8:00 a.m. – 12:00 p.m.

Tribal UST Inspection Field Trip / Safety Briefing 111A

Join a group of expert UST instructors, who will walk you through a complete hands-on inspection of a UST system at a local Tribal gas station. Attendees will meet in room 111A for a safety briefing before heading out to the site in provided transportation.

Jeff Dzierzanowski, Manager of New Business Development, Source North America Corporation |
Victoria Flowers, Environmental Compliance Coordinator, Oneida Nation |
Benjamin Thomas, President, UST Training, Inc.

1:00 p.m. – 5:00 p.m.

How to use ITRC Hydrocarbon Technical Documents to Improve your Conceptual Site Models / 111B

The workshop is designed to reintroduce the ITRC Petroleum Hydrocarbon Technical Regulations: Light Non-Aqueous Phase Liquids (LNAPL), Petroleum Vapor Hydrocarbons (PVI), and Total Petroleum Hydrocarbons (TPH). All documents can be accessed on the ITRC website <https://itrcweb.org/guidance-documents/>. The workshop will be divided into two parts. The first half will feature an interactive training session titled "ITRC Hydrocarbon 101", which highlights key points from each of these documents. In the second half, participants will have the opportunity to evaluate a hypothetical site and gather information directly from the ITRC Hydrocarbon Technical Regulations, which will help them develop a more accurate Conceptual Site Model. Participants are encouraged to bring their laptops; however, handouts will be provided for those who do not have one. The workshop will feature speakers Richard Spiese from Vermont DEC, Tom Fox from Colorado OPS, Matt Lahvis from Shell Oil, and Laura Trozzolo from TRC.

Tom Fox, Environmental Protection Specialist, CO DLE-OPS | **Matthew Lahvis**, Principal Scientist, Shell Oil Products US | **Richard Spiese**, Environmental Analyst, VT DEC | **Laura Trozzolo**, Risk Assessment Practice Leader, TRC

1:00 p.m. – 3:00 p.m.

3D Conceptual Site Models and Monitoring via Electrical Hydrogeology Process to Close UST Sites Faster and at Lower Cost / 102AB

This session will provide an electrical hydrogeology approach to develop conceptual site models (CSMs), which overcomes the limitations of traditional vertical boring and monitoring well methods of defining the vertical and horizontal distribution of contaminants in the subsurface. 3D integration/visualization of data from conventional monitoring wells, direct push, and electrical imaging for facilitating remediation in less time and lower cost will be discussed. The workshop format will be participatory and will include a tutorial on integrating electrical resistivity images with other multiple lines of evidence to achieve effective remedial design characterization (RDC) models, and guide next steps regarding drilling and/or remediation for environmental sites.

Samantha Frandsen, Hydrogeophysicist/Project Manager, Aestus, LLC | **Todd Halihan**, Interim Department Head and the Sun Chair in Hydrogeology, OSU; Chief Technical Officer, Aestus, LCC

Monday, September 22, 2025

Pre-Conference Workshop Descriptions

Flapper: An Overfill Prevention Story, Part II / 111A

This workshop will focus on overfill prevention devices, their functionality, and how to verify proper installation measurements are performed at tri-annual inspection. This will be a mix of both presentations and hands-on experience with overfill prevention devices to effectively train attendees on how proper measurements should be done, and what data regulators should be seeing upon inspection.

Seth Moore, Environmental Specialist 2, NJ DEP | **Dustin Turner**, Environmental Consultant, TN

3:00 p.m. – 5:00 p.m.

Let's Talk about Carbon! / 111C

Activated Carbon is a rapidly advancing technology. Learn how far it has come. Activated carbon has been used for the remediation of UST Releases for approximately 20 years. Three industry experts will guide you through the development of this technology, the various activated carbon products, and how these different products can be applied to optimize results. After this initial introduction, state regulators from Colorado, Kentucky, and South Carolina will join the discussion to share their questions and thoughts alongside these industry experts. The panel will discuss what has been learned over the years, the fundamental questions that remain, and next steps for future development. We invite the audience members to join the discussion by asking questions and sharing their success stories and lessons learned.

Kyle Campbell, Environmental Protection Specialist, CO | **Todd Herrington**, Director of Product Management, Regenesys | **Tim Knowlton**, Senior Manager Application Engineering, Calgon Carbon Corporation | **Ed Mendenhall**, Director, Underground Storage Tank Division, SC DES | **Scott Noland**, President, Remediation Products Inc. | **Jill Stoltz**, Underground Storage Tank Branch Manager, KY

UST Compliance Software Solutions Speed Dating / 206AB

Learn about a wide variety of online and/or software programs, products and apps that help UST operators and inspectors maintain UST compliance. We've assembled a great collection of innovators who will sit at a table and give you a succinct 5-minute pitch about their product or service. Then the buzzer sounds and you're off to the next table to learn from another expert. Guaranteed high energy and rich content. Presenters include Oregon DEQ, Veeder Root, Franklin Electric, MobileWright, Warren Rogers Associates, OWL Services and UST Training.

Moderated by **Benjamin Thomas**

Tuesday, September 23, 2025

Conference Session Descriptions

8:00 a.m. – 9:30 a.m.

Opening Session / 100A

NEIWPCC, U.S. EPA's Office of Underground Storage Tanks (OUST), ASTSWMO, and the State of Washington will welcome attendees to the 2025 National Tanks Conference and Expo. The welcome will be followed by a panel discussion to address relationships, successes, and challenges in the UST community from federal, state, private industry, and Tribal perspectives.

Welcome: **Will Anderson**, Acting Director, U.S. EPA OUST | **Franklin Plaistowe**, Chief Operations Officer, Office of the Governor, WA | **Dania Rodriguez**, Executive Director, ASTSWMO | **Christina Stringer**, Director of Wastewater and Onsite Programs, NEIWPCC

Panelists: **Will Anderson**, Acting Director, U.S. EPA OUST | **Isaiah Coley**, Chairperson, Tribal Convenience Store Association | **Jeff Dzierzanowski**, Manager of New Business Development, Source North America Corporation | **Matthew Jones**, Oil Compliance & Enforcement Subsection Chief, NH DES | **Russell Olsen**, Acting Director, WA PLIA

10:30 a.m. – 12:00 p.m.

Importance of Tank Installation Oversight / 111A

This session will discuss the importance of having certified and properly trained installers, what to look for during a tank installation, and what happens when things don't get done properly.

Oma Gilbreth, Storage Tank Program Compliance Supervisor, WY | **Joe Godwin**, Program Manager, NM Petroleum Storage Tank Bureau
Moderated by **Oma Gilbreth**

Site Investigation: Oh, the Samples You'll Use! / 111B

Every site brings its own surprises—and headaches. When approaching site characterization, the question remains: "What sampling method will give me the data I need?" This session brings together three presenters looking to tackling these challenges: assessing the reliability of field screening data, using high-resolution site characterization for sites that remain stubbornly complex, and exploring the role of passive samplers and their application at LUST sites. Attendees will learn when field PID results can reliably guide decision-making and sample selection, how high-resolution site characterization methods can refine remediation strategies in complex geology, and how passive sampling can benefit data collection and cleanup efforts at LUST sites. We may not have all of the answers you seek to refine your site characterization strategies, but this will be a good place to start!

David Cleland, Program Manager, Groundwater & Environmental Services, Inc. | **Samantha Frandsen**, Hydrogeophysicist/Program Manager, Aestus, LLC. | **Chris Mulry**, Principal Hydrogeologist, Groundwater & Environmental Services, Inc. | **Crystal Pirozek**, Environmental Scientist, NJ DEP
Moderated by **Nancy Mann**

An Introduction to Insurance Claims for Owners and Regulators / 111C

Join this insightful session to delve into the complexities of claims under UST financial responsibility insurance policies. This workshop begins with a foundational overview of insurance contracts and claim basics, setting the stage for a deeper exploration into the most common causes for claim denials and what owners, insurers, and regulators can do to make sure money is available for cleanup. Participants will gain insights from both the regulator and insurer perspectives through practical examples. Attendees will gain new insights to how the insurance contract affects the claim process, along with strategies that owners, insurers, and regulators can employ to improve the likelihood of positive outcomes.

Vivian Figueroa, UST Legal Specialist, Arizona Department of Environmental Quality | **Emily Khuong**, Financial Responsibility Specialist, U.S. EPA OUST | **Patrick Rounds**, President & CEO, PMMIC Insurance | **Tom Schruben**, Physical Scientist, U.S. EPA OUST | Moderated by **Will Anderson**

Conference Session Descriptions

Past, Present, and Future- the Evolution of the UST Program / Conference Theater

Do you have concerns about the future of your underground tanks program? Join us to examine the evolution of UST programs over the past 3 decades to provide context to how we will pivot to manage a future with new and remarkable challenges. We will introduce some of the past solutions and tools for the future. Come with your questions and concerns, join the conversation, and consider with us how our UST Programs may need to evolve in the upcoming decades.

Mahesh Albuquerque, Director, CO DLE-OPS | **Jeff Hove**, Vice President, Transportation Energy Institute | **Mark Latham**, CT DEEP | **Daniel Lee**, U.S. EPA OUST

Moderated by **Josh Blanco**

1:30 p.m. – 3:00 p.m.

Tanks Gone Wild: Tackling Unique Tank Situations / 111A

What happens when you find a unique circumstance at a UST facility? You know... not the typical issues with relatively straight forward gas station UST equipment and requirements. How do you approach applying appropriate UST regulations and the specific requirements for these atypical circumstances?

Whether you think you have it all figured out or are looking to learn about these situations, come join this session as we look at seven different unique circumstances related to UST facilities. The presenters will briefly share these unique situations including their approaches and solutions. The audience will have the opportunity to share if they have dealt with similar circumstances and if additional guidance is needed.

Topics being presented include vaulted tanks, field constructed tanks/airport hydrant systems, under dispenser containment requirements, concrete spill prevention equipment, repairing cathodic protection systems, monitoring of double wall containment sumps with a liquid-filled interstitial space, and line leak detector requirements for unique setups.

Russ Brauksieck, Physical Scientist, U.S. EPA OUST | **Wesley McCain**, Compliance and Enforcement Team Lead, MS DEQ | **Mark Olsen**, UST Compliance Officer, ID DEQ | **Steve Pollock**, Technical Manager, STI/SPFA | **Upendra Giri**, U.S. EPA | **Mark Willoughby**, Project Officer & UST Inspector, U.S. EPA

Moderated by **Don Taylor**

Advanced Site Characterization Tools and High-Resolution Site Characterization: Guidance, Application, and Case Studies / 111B

Despite the release of the ITRC's ASCT Guidance in 2019, the adoption of Advanced Site Characterization Tools (ASCT) and High-Resolution Site Characterization (HRSC) remains limited, especially at smaller facilities, due to a lack of comprehensive guidance on investigation design, data interpretation, and perceived costs. This session aims to bridge that gap by providing updates on ASCT and HRSC technologies, offering practical application strategies, and showcasing real-world case studies.

This session will delve into the latest advancements and practical applications of ASCT and HRSC. We'll explore new guidance documents, including the upcoming ITRC "ASCT Update," which will incorporate emerging technologies like remote sensing using drone technology and time-lapse surface resistivity techniques. The update will also provide tailored methods for designing HRSC investigations specifically for small commercial facilities such as dry cleaners and gas stations, equipping state regulators, practitioners, and site owners with the essential tools for full HRSC implementation.

Janet Castle, President, Eagle Synergistic Optimizing Technologies, LLC | **Crystal Pirozek**, NJ DEP | **Alex Wardle**, Environmental Specialist, U.S. EPA OUST

Moderated by **Alex Wardle**

Tuesday, September 23, 2025

Conference Session Descriptions

Impacts on Financial Responsibility / 111C

Gain a forward-looking perspective on the key market trends shaping the industry and the anticipated shifts within Financial Responsibility. Attendees will gain a comprehensive understanding of the current market landscape and how states may adapt to navigate these changes. There will be focus on key market indicators and tools to help states effectively prepare for market evolution, ensuring program resilience. Learn how to harness these insights to stay ahead of the curve

Laura Maxwell, Director & Consulting Actuary, Pinnacle Actuarial Resources, Inc. |

Tom Schruben, Physical Scientist, U.S. EPA OUST | **Darcie Truttman**, Pinnacle Actuarial Resources, Inc.

Moderated by **Katerina Peña**

Aging Tanks: They're Not Getting Any Younger / Conference Theater

The UST community often ponders what are the risks involved with aging tanks, what types of problems occur, and what can you do about managing those risks? This session dives into these aspects to shed light on the potential, and the options of handling those issues. The presentations will also include remote video inspections, showing real-world examples and statistics about the problems that occur with aging tanks. Wait 'til you see what goes on inside of them! Join us as we explore the possibilities.

Victoria Flowers, Environmental Compliance Coordinator, Oneida Nation | **Brad Hoffman**, Vice President of Engineering, Tanknology, Inc. | **Patrick Rounds**, President & CEO, PMMIC Insurance

Moderated by **Victoria Flowers**

3:30 p.m. – 5:00 p.m.

UST Mini Boot Camp / 111A

Part 1 of the Session will explore the unsung heroes of the Underground Storage Tank world. Learn about shear valves, emergency stops and fire suppression systems. How they work alone and together to keep you safe. Part 2 will then review the many components that make up a UST system, what they look like, how they work, and what compliance issues impact them. Attendees will have the opportunity to see these parts firsthand as we explore how these systems function.

Michael Arce, Environmental Specialist- Storage Tanks, Oneida Nation | **John Olko**, Environmental Compliance Manager, OWL Services

Moderated by **John Olko**

Conference Session Descriptions

New Remediation Technologies and Natural-Based Site Clean-Up / 111B

The toolbox of environmental remediation technologies for tank sites is extensive. This session will focus on presenting various case studies that demonstrate the effective use of new and innovative technologies to clean up tank sites. Richard Smith will review the use of High-Resolution Site Characterization (HRSC) and quantitative Polymerase Chain Reaction (qPCR) analysis to design and implement a Nutrient-Enhanced Biologic Stimulation (NEBS) site treatment. Galen O'Toole will introduce Endophyte-assisted Phytoremediation (EAP), a treatment system that combines specialized trees and plant microbes (endophytes) to degrade contaminants and control groundwater. Nazmul Haque will clarify misconceptions about using phytoremediation in urban environments and demonstrate the challenges and successes encountered at a Leaking Underground Storage Tank (LUST) site. Jack Sheldon will highlight technologies and approaches that have emerged over the past five years, which are not yet commonly used at tank sites but are starting to find applications.

Nazmul Haque, Environmental Protection Specialist, DC DOEE | **Galen O'Toole**, Lead Environmental Engineer, Intrinsyx Environmental | **Jack Sheldon**, Site Assessment & Remediation Service Line Leader, ANTEA Group | **Richard Smith**, VP, SMME, Inc.
Moderated by **Tiffany Pham**

Pay Now to Save Later (Pay for Prevention) / 111C

This session will take a closer look at Pay for Prevention Programs being implemented in Colorado, Indiana, and Kentucky. Our speakers will provide brief reviews of the preemptive actions that their states are taking today to potentially reduce UST releases tomorrow. For those individuals looking to act instead of react, this session is a must!

Mahesh Albuquerque, Director, CO DLE-OPS | **Bobbi Steiff**, Senior Environmental Manager, IN DEM | **Cheryl Yunt**, Environmental Control Supervisor, KY UST Branch- Claims & Payment Section
Moderated by **Nikolas Hertrich**

AI Application to UST/LUST & Cybersecurity / Conference Theater

This meeting is for State regulators only. This will be an interactive session led by ASTSWMO's Tanks Subcommittee and audience participation is required. States will discuss compliance and prevention, cleanup, and State Fund/financial responsibility issues of importance to our programs. A summary of the discussion and questions generated will be shared with EPA OUST during the States and U.S. EPA meeting at the conclusion of the conference.

Andrew Kirkman, Petroleum Remediation Subject Matter Expert, Remediation Management BP | **Benjamin Thomas**, President, UST Training, Inc.
Moderated by **Benjamin Thomas**

Conference Session Descriptions

8:00 a.m. – 9:30 a.m.

The Ins and Outs of Interstitial Monitoring / 111A

This session will discuss the different types of interstitials and the various ways in which they can be monitored. Topics will include dry, wet, and vacuum interstitials and the equipment used to monitor these spaces.

Cary Etter, President, Fiberglass Tank Pipe Institute | **Kevin Henderson**, President, Kevin Henderson Consulting, LLC | **Austin Lemire-Baeten**, Water Resources Control Engineer, CA SWRCB

Moderated by **Greg Bareta**

Bioremediation Enhancements: Three Techniques to Increase Biological Degradation of Contaminants at LUST Sites / 111B

This session includes three presentations detailing the impacts of bioventing, sulfate application, and carbon-based injections into areas impacted by tank releases. These technologies look to engineer and optimize the effects of natural remediation processes in the subsurface, which in turn, could offer cost savings compared to more labor-intensive clean-up options for leaking UST sites.

Jonathon Smith, NAPL Technical Specialist, AECOM | **Kammy Sra**, Chevron |

Edward Winner, Vice President, RPI, Remediation Products Inc.

Moderated by **Scott Lemon**

State Funds in Focus: Overcoming Challenges for a Prosperous Future / 111C

Participants will have the opportunity to hear firsthand accounts from multiple states on the challenges that the state funds have faced and the innovative solutions that states have implemented to overcome them. The session will highlight knowledgeable insights and transferable strategies that can be applied to strengthen state fund management. Come with questions and/or your own challenges or solutions to share.

Emily Cavanaugh, WA PLIA | **Jay Kemberling**, Program Manager, GA EPD | **Emily Khuong**, Financial Responsibility Specialist, U.S. EPA | **Sonya O'Brien**, WA PLIA | **Jeremy Richtmyre**, Project Planning & Programs Supervisor, WA PLIA | **Mary KV White**, Petroleum Remediation & Fund Supervisor, CO DLE-OPS | **Justin Woerth**, WA PLIA

Moderated by **Chanin Consoer**

Remediation Databases & Resources / Conference Theater

This session reveals practical database solutions for overcoming funding hurdles and creating intuitive tools that allow your program to focus on closing sites and completing inspections. The presenters will talk on the implementation challenges they faced and how simplifying the process could avoid dependency on institutional knowledge. Plus, see how one innovative state revolutionized their inspection process by creating a composite inspection program using contract inspectors to efficiently meet mandatory three-year site inspection requirements.

Dayna Cordano, Senior Engineering Geologist, CA SWRCB | **Angela Oravetz**, Environmental Protection Supervisor and Director of Training Services, MO DNR | **Brian Pottebaum**, MO DNR |

Alex Thompson, Environmental Scientist, UT DEQ

Moderated by **Kerri Bynum**

Wednesday, September 24, 2025

Conference Session Descriptions

10:00 a.m. – 11:30 a.m.

EPG UST System Compliance: Where Are We and Where Do We Need To Go / 111A

This session will discuss EPA's Guidance for Emergency Power Generators, followed by a dive into a states perspective and issues that they have encountered. Following the presentations, attendees will be invited to participate in an open discussion where they will delve into relevant issues involving these unique systems.

Alicia Meadows, UST Compliance Coordinator, VA DEQ | **Tim Smith**, Environmental Protection Specialist, U.S. EPA OUST
Moderated by **Dustin Turner**

NSZD- Methods for Estimating/Calculating Depletion Rates | 111B

In this session, you'll learn everything you've ever wanted to know and more about innovative approaches to estimating NAPL depletion rates through natural remediation - natural source zone depletion (NSZD). You'll learn about the standardized approach for the estimation of the natural attenuation rates, including NSZD rates using ASTM E3361 and how to use soil gas gradients above NAPL and NAPL compositional analyses to assess site-specific depletion rates of both bulk NAPL and NAPL chemical constituents. Lastly, you'll also learn about best practices and lessons learned from measuring NSZD rates over the last one and a half decades.

George DeVaul, Principal Engineer, Shell Global Solutions US Inc. | **Parisa Jourabchi**, Founder and Chief Science Officer, ARIS Environmental Ltd. | **Mathew Lahvis**, Principal Scientist, Shell Oil Products US |
Julio Zimbron, Principal, E-Flux
Moderated by **Ed Mendenhall**

Controlling Cost: The Before and After / 111C

What if you could have a budget increase for your State Fund? Come and listen to some information on approaches that have been beneficial to other State Fund programs. This session will begin with an introduction to subrogation recovery that has recovered \$1.3 million in Missouri over the past four years and will cover the basics of subrogation, its benefits, as well as hurdles like the "Made Whole Doctrine," statutes of limitation, and challenges in petroleum cleanup subrogation from underground storage tank systems. Secondly, Massachusetts will provide a peek into their privatization of hazardous-waste site cleanup programs that created "Licensed Site Professionals" that work on release sites, submit "Permanent Solutions" to achieve site closure, and the resulting impact on closure rates and costs. The session will wrap up by providing an overview of reducing remediation costs by risk-informed decision making, by taking into consideration contaminant mass and petroleum mobility within the site.

Kevin Horigan, Engineer, MO Petroleum Storage Tank Insurance Fund | **John Taylor**, General Counsel, MO Petroleum Storage Tank Insurance Fund | **Edward Winner**, Vice President, RPI, Remediation Products, Inc.
Moderated by **Morgan Atkinson**

Stronger Together: Building Effective Partnerships in UST Compliance / Conference Theater

Successful UST management takes more than just following the rules, it requires strong, collaborative relationships between regulators, contractors, and owners. This session brings together perspectives from each side of the equation to explore how communication, consistency, and shared responsibility can lead to higher compliance and fewer costly problems. Through real-world case studies and firsthand experiences, speakers will highlight common challenges and practical strategies to strengthen compliance efforts and operational results.

Jenna DiNuzzo, Environmental Specialist, NJ DEP | **Jeremy Holland**, Director of Facilities, CrossAmerica Partners LP | **Ed Kubinsky**, Director of Regulatory Affairs, Training and Certification, OWL Services |
Todd Perry, CEO/Senior Geologist, PPM Consultants | **Jose Rios**, Sr. Manager, Environmental Strategy, Murphy Oil USA, Inc. | **Jared Saterfiel**, Principal, PPM Consultants
Moderated by **Stephanie Jones**

Conference Session Descriptions

1:30 p.m. – 3:00 p.m.

To Enforcement and Beyond! / 111A

Does your state use any methods other than standard enforcement in order to achieve compliance at facilities? We want to hear it! This session will start with presentations from state programs describing some methods they've had success with outside of simple violation notices and penalties. An open forum for sharing more ideas and questions will follow.

Diana Foss, Senior Policy Analyst, OR DEQ | **Michael Hollis**, Bureau Chief, NJ DEP | **Kevin Kaveny**, Enforcement Section Supervisor, NH DES
Moderated by **Michael Hollis**

Petroleum Vapor Intrusion 360°: Data-Driven Attenuation, Unified Guidance, and Pathway Protocols / 111B

Recent advances in vapor intrusion (VI) assessment have yielded a more robust and flexible framework for screening, investigation, and mitigation. A national attenuation factor (AF) study compiled over 25,000 indoor-air and subsurface soil-gas data pairs—far beyond the 431 basement-only measurements underlying the EPA's default AF of 0.03—to derive defensible AFs tailored to slab-on-grade buildings, non-residential structures, temperate climates, and exterior soil gas data. Simultaneously, the Interstate Technology & Regulatory Council (ITRC) has refined its VI guidance since 2007—introducing petroleum-specific protocols in 2014 and online mitigation tools in 2020—and will soon release a consolidated, user-friendly update spanning entry-level concepts to advanced design and long-term stewardship. Complementing these national efforts, Michigan's EGLE has developed a seven-volume Volatilization to Indoor Air Pathway (VIAP) guidance series that emphasizes representative site data, modular stand-alone documents, and public comment to ensure transparency and technical rigor. Together, these initiatives equip regulators, consultants, developers, and the public with scientifically defensible criteria and practical tools for protecting indoor air quality across diverse settings. Join us to gain a deeper understanding of attenuation factors, upcoming guidance, and state-specific guidance that can transform your approach petroleum vapor intrusion.

Matthew Lahvis, Principal Scientist, Shell Oil Products US | **Matthew Williams**, MI EGLE
Moderated by **Deb Thoma**

Risk Assessment: Identifying and Addressing Potential Risks / 111C

This presentation will discuss financial and operational risk assessments and the process of identifying, analyzing, and evaluating potential risks to determine their likelihood and potential impact in organizations.

Melinda Weir, Environmental Investigator, TN DEC
Moderated by **Cassandra Garcia**

Wildfires, Earthquakes & Hurricanes, Oh My! Emergency Response to Natural Disasters / Conference Theater

Ever wonder what's beyond the average site inspection visits? Many of us revere the National Tank Conference for the presentations and exhibitions that enlighten us, but the most notable are the stories of the oddball site visits from our experienced peers. Well, this post-conference workshop is your chance to be inspired by two powerhouse enforcement coordinators of the UST world, who will share their stories of sensitive, complex, vigorous, and treacherously safeguarded facilities. Attendees are encouraged to come to this session with their story, questions, solutions, and a desire to get to know the possible intricacies of bizarre inspection sites and find out various ways of enlightening your field personnel and ultimately improve your programs.

Wayne Randolph, Trust Fund Branch Head, NC DEQ | **Roy Ilaga**, Environmental Health Specialist, HI DOH | **Jon McRae**, Supervisor UST/LUST Bureau of Corrective Actions, NV DEP
Moderated by **Suzanne Poythress**

Conference Session Descriptions

3:30 p.m. – 5:00 p.m.

Emerging Fuel Trends and Release Detection / 111A

Our nation's fuel options are evolving, and higher blends of ethanol and alternative fuels prompt questions about storage tank system compatibility and release detection. Join top experts from EPA OUST as they highlight recent trends in the distribution of emerging fuels, the importance of determining compatibility, and examples of release detection methods that don't work well with these fuels.

Tony Raia, Program Manager, U.S. EPA OUST | **Tim Smith**, Environmental Protection Specialist, U.S. EPA OUST
Moderated by **Zach Hope**

Challenges and Successes of Stalled Cleanups / 111B

The national Underground Storage Tank (UST) program has successfully cleaned up over 522,000 UST release sites throughout its history. However, backlogged releases continue to pose challenges, even with modern technology aiding assessment and remediation. In this session, you will learn about innovative approaches from three states—Colorado, South Carolina, and Wisconsin—as they discuss the challenges and successes they have experienced in addressing the backlog of releases in their UST programs. This discussion will focus on the requirements for Light Non-Aqueous Phase Liquid (LNAPL) abatement, targeted remediation approaches, risk-based closures, and reimbursement issues stemming from the expiration of one state's funding program. In this session, gain insight into backlog reduction efforts that could help reduce the number of UST releases remaining in your state.

Steve Beukema, Part 213 Program Coordinator, MI EGLE | **Jason Lowery**, Federal Programs Coordinator, WI DNR | **Debra Thoma**, Section Manager, SC DES | **Hannah Williams**, CO DLE-OPS
Moderated by **Mary KV White**

Soup to Nuts / 111C

Pull up a chair for the last session of the day while we view different aspects of LUST remediation. These aspects will include measuring cleanup success, overcoming obstacles, data set deficiencies and staying within allocated budgets. The goal is to minimize gaps with innovative technology and look at the financial future. Hear stories, learn strategies and ask questions.

Samantha Frandsen, Hydrogeophysicist/Project Manager, Aestus, LLC | **Mike Mazzaresse**, Senior Remediation Engineer, AST Environmental, Inc. | **Derek Pizarro**, Senior Manager, AST Environmental, Inc.
Moderated by **Chanin Consoer**

Chem Haz Data Sheets & Public Viewing of Remediation Data in Story Maps / Conference Theater

Discover how ArcGIS StoryMaps can be used to showcase redevelopment and environmental remediation success stories in a way that reaches a broad audience. Participants will also have the opportunity to explore the EPA's Cheminformatics Modules, a freely available public website that simplifies the analysis of chemical hazards and safety data. Attendees of this session will have the opportunity to combine technical insight with digital storytelling and chemical risk assessment in order to make more effective and transparent decisions.

This session will provide a general awareness of the requirements of the spill prevention, control, and countermeasures (SPCC) plans and review of the SPCC regulations with reference to USTs.

In addition, this session will provide information on determining applicability of the UST regulations to tank systems that include ASTs including airport hydrant systems (AHS) and field constructed tank systems (FCTS). A brief overview of the requirements of the UST regulations applicable to AHS and FCTS will also be included.

Stacey Clark, Environmental Consultant, TN DEC | **Jessica Hussey**, Environmental Scientist, TN DEC | **David Levering**, Chief Deputy Fuels Safety Div, NE Fire Marshal Agency | **Christopher Lewis**, Environmental Consultant, TN DEC
Moderated by **David Levering**

Conference Session Descriptions

8:00 a.m. – 9:30 a.m.

Standards, Standards, Who Needs Standards? / 111A

This session will discuss the various codes of practice such as UL, PEI, and NLPA/KWA. Speakers will dive into how these codes are developed, what's in them, and how they may affect the UST system.

Ed Kubinsky, Director of Regulatory Affairs, Training and Certification, OWL Services |
Steve Pollock, Technical Manager, STI/SPFA | **Paul Reber**, President, Icon Containment Solutions
Moderated by **Leslie Carr-Polly**

From Arizona to Virginia: Managing the Unexpected in UST Sites / 111B

This session explores three unique petroleum release cases that challenged state agencies with aging infrastructure, limited data, and complex site conditions. Speakers will share lessons from addressing contamination in areas ranging from remote development corridors to rural communities with no municipal water access. The presentations highlight practical approaches to source removal, cross-agency coordination, and making risk-based decisions for site closure when cleanup goals meet real-world limits.

Matt Costa, Remediation Geologist, VA DEQ | **Stefanie Jones**, Remediation Geologist, VA DEQ |
Jeff Rackow, Principal Environmental Engineer, AZ DEQ
Moderated by **Beck Fiedler**

States and U.S. EPA Meeting (Regulators Only) / 111C

This session is an interactive meeting between U.S. EPA OUST and state regulators. A list of issues and topics will be developed in the states only meeting on Tuesday. These topics will be reviewed and discussed in this session.

Moderated by **Will Anderson**, **Anna Gayle Griffiths**, and **Tony Raia**

Attracting and Retaining a New Generation of Regulators and Contractors Alike | Conference Theater

During and after the COVID pandemic, many agencies had to make significant changes related to employee hiring and retention. Similarly, workforce development and certifications within the field of UST installation and service industry were updated to improve upon safety, efficiency, and to incorporate an understanding of key aspects like fire codes, leak detection, and equipment verification. In this session, one presenter will provide a perspective of the regulators updating their strategies to improve employee hiring and retention, and the other will approach certifications of contractors to their qualifications.

Jason Blake, PEI | Scott Boorse, Vice President of Technical Programs and Industry Affairs, PEI |
Darryl Slade, Closure, Release and Investigation Unit Chief, MO DNR
Moderated by **Page Hingst**

Conference Session Descriptions

10:30 a.m. – 12:00 p.m.

Fix the Sump, Fuel the Team, Boost the Process / 111A

This focused session delivers three fast-paced presentations tackling today's top UST challenges: workforce limitations, inspection quality, and sump failures. Learn how smarter staffing, CQI tools, and targeted field strategies are driving real compliance results from the ground up.

Jeremy Britten, Manager, Storage Tank Section, LARA/Bureau of Fire Services |
Maura DiGuglielmo, Environmental Analyst, MA DEP | **Samuel Hess**, Environmental Analyst, MA DEP |
Danielle Mattive, Water Quality Specialist Supervisor, PA DEP
Moderated by **David Levering**

What Can I Do About THAT? / 111B

Many subjective criteria exist at critical decision points during assessment and remediation projects. This session will be a roundtable discussion regarding how states handle many of these issues, including, but not limited to, receiving waters, MEP, overlapping releases, and PVI. We will welcome question and input from the audience.

Tom Fox, Environmental Protection Specialist, CO DLE-OPS | **Nancy Mann**, Petroleum Remediation Section Supervisor, NE DEE | **Amy Miller**, Program Coordinator, MPCA | **Tom Schruben**, Physical Scientist, U.S. EPA OUST |
Alexander Wardle, Environmental Specialist, U.S. EPA OUST
Moderated by **Tom Fox** and **Tom Schruben**

Tribes and U.S. EPA Meeting (Regulators Only) / 111C

This session is an interactive meeting between U.S. EPA OUST and Tribes. A list of issues and topics will be developed in the Tribes-only meeting on Tuesday. These topics will be reviewed and discussed in this session.

Moderated by **Will Anderson**, **Randy Bettelyoun**, **Page Hingst**, and **Tony Raia**

Collaborative Cleanup: Getting Creative with UST and Brownfields Programs | Conference Theater

EPA and the State of South Carolina will provide information on how to effectively coordinate UST and Brownfields Programs to successfully address abandoned UST sites. Eligible UST sites, including lower priority abandoned LUST sites, located in states and in tribal lands can be assessed, cleaned up, revitalized, and returned to their communities for redevelopment using Brownfields Program resources. These resources include Targeted Brownfields Assessment (TBA) resources, 128(a) grants, and 104(k) grants. Specific examples of successful collaboration will be presented and discussed. Please join us to learn how you can bring these creative approaches to your program!

Sara Miller, Environmental Protection Specialist, U.S. EPA | **Corie White**, Hydrogeologist III, SC DES
Moderated by **Corie White**

Post-Conference Workshop Descriptions

1:00 p.m. – 5:00 p.m.

ASTM's Moving Sites to Closure (MStC) Standard / 201AB

Moving Sites to Closure (MStC) is a new ASTM standard (E3488) that provides a framework for driving the 55,000 remaining petroleum release sites to closure. The standard provides best practices learned from the 500,000 completed UST cleanups and the latest science for: selecting alternative criteria that demonstrate low-threat sites; evaluating underperforming corrective actions; and overcoming nontechnical barriers such as nonresponsive owners and access denials. The session will introduce the audience to the standard, why it is needed, the elements of the MStC framework, and steps they can take to implement the standard in their program. In the workshop, participants will engage in several small group exercises, examining case studies and proposing next steps to move the cases closer to completion.

Matthew Lahvis, Principal Scientist, Shell Oil Products US | **Tom Schruben**, Physical Scientist, U.S. EPA OUST

1:00 p.m. – 3:00 p.m.

Digitization of UST Compliance / 111A

Dive into the digital revolution of UST compliance with our lively panel discussion! Say goodbye to mountains of paperwork and hello to the future of electronic document management. Discover how going digital can transform your compliance game, making it easier to track, store, and retrieve records like tank inspections and leak detection reports.

Danny Brevard, President, ACCENT Environmental Services, Inc. | **Jessica Pfeifer**, Director of Environmental Operations, EG America | **Adam Sansoucy**, Manager of Environmental Compliance & Training, EG America | **Benjamin Thomas**, President, UST Training, Inc.

NSZD ... You Complete Me / 111C

This workshop provides a practical framework for selecting and applying standardized methods for estimating NAPL natural attenuation rates, based on the ASTM Standard Guide (E3361). Attendees will gain insights into five established methods: CO₂ efflux, temperature gradient, soil gas gradient, groundwater monitoring, and NAPL composition along with their strengths, limitations, and site-specific considerations. Regulatory perspectives on method selection and result interpretation will be discussed, ensuring alignment with decision-making processes.

Kyle Campbell, Environmental Protection Specialist, CO | **George DeVaul**, Principal Engineer, Shell Oil Products US | **Ian Hers**, President & Principal, Hers Environmental Consulting, Inc. | **Parisa Jourabchi**, Founder & Chief Science Officer, ARIS Environmental Ltd. | **Matthew Lahvis**, Principal Scientist, Shell Oil Products US | **Nancy Mann**, Petroleum Remediation Section Supervisor, NE DEE

Post-Conference Workshop Descriptions

3:00 p.m. – 5:00 p.m.

Complex, Sensitive, and Intricate Field-Visit Experiences / 205

Ever wonder what's beyond the average site inspection visits? Many of us revere the National Tank Conference for the presentations and exhibitions that enlighten us, but the most notable are the stories of the oddball site visits from our experienced peers. Well, this post-conference workshop is your chance to be inspired by two powerhouse enforcement coordinators of the UST world, who will share their stories of sensitive, complex, vigorous, and treacherously safeguarded facilities. Attendees are encouraged to come to this session with their story, questions, solutions, and a desire to get to know the possible intricacies of bizarre inspection sites and find out various ways of enlightening your field personnel and ultimately improve your programs.

Jenna DiNuzzo, Environmental Specialist, NJ DEP | **Kailee Reeves**, UST Compliance & Enforcement, ME DEP

Petroleum Vapor Intrusion Screening for Applications - BioVapor Model / 111B

Learn about a wide variety of online and/or software programs, products and apps that help UST operators and inspectors maintain UST compliance. We've assembled a great collection of innovators who will sit at a table and give you a succinct 5-minute pitch about their product or service. Then the buzzer sounds and you're off to the next table to learn from another expert. Guaranteed high energy and rich content.

George DeVaul, Principal Engineer, Shell Oil Products US | **Ian Hers**, President & Principal, Hers Environmental Consulting, Inc.

Hands-On Experience with Pennsylvania's Storage Tanks Compliance Mobile Application / 202

Learn about a wide variety of online and/or software programs, products and apps that help UST operators and inspectors maintain UST compliance. We've assembled a great collection of innovators who will sit at a table and give you a succinct 5-minute pitch about their product or service. Then the buzzer sounds and you're off to the next table to learn from another expert. Guaranteed high energy and rich content.

Joshua Blanco, Storage Tanks Group Manager, PA DEP | **Kalynn Conner**, Environmental Group Manager, PA DEP | **Danielle Mattive**, Solid Waste Program Specialist, PA DEP | **Craig Sinkovich**, Solid Waste Program Specialist, PA DEP