

2023 CONFERENCE PDH FORM

Margaritaville Lake Resort, Osage Beach, MO - July 10 - 11, 2023

ATTENDANCE RECORD

MONDAY, JULY 10

MARK IF ATTENDED

8:30 AM **PLENARY SESSION - Speakers:** _____ **90 mins /1.5 hr**
DRU BUNTIN, Director, MO Dept of Natural Resources
MEG MCCOLLISTER, Region 7 Administrator,
U.S. Environmental Protection Agency

10:30 AM - 12:00 Noon **CONCURRENT BREAKOUT SESSIONS**

SOLID WASTE TRACK

- **Leachate Reduction through Pond Cover Installation** _____ **30 mins/.50 hr**
Kyle Kukuk, Blackstone Environmental, Inc. and Kyle Burns, MidAmerica Liner
- **Surface Fires in the Solid Waste Industry** _____ **30 mins/.50 hr**
Jeff Phillips, SCS Engineers
- **Subsurface Fire Response: Slow and Steady** _____ **30 mins/.50 hr**
Anastasia Welch, P.E., SCS Engineers

ENVIRONMENTAL ISSUES TRACK

- **Vapor Intrusion Mitigation Barriers - Concept, Design & Installation** _____ **45 mins/.75 hr**
Shane Tabor, EPRO Services, Inc.
- **Emit Less, Earn More with Drone-based Emissions Monitoring!** _____ **45 mins/.75 hr**
Arthur Mohr, Sniffer Robotics

BROWNFIELDS TRACK

- **Welcome to Missouri Brownfields 2023** _____ **90 mins/1.5 hr**
Jacob Rohrer, MDNR Brownfields/Voluntary Cleanup Program
- **BVCP Program Overview**
Scott Huckstep, MDNR Brownfields/Voluntary Cleanup Program
- **What is "Long Term Stewardship?"**
Sonja McDanel, MDNR
- **Intro to Environmental Due Diligence**
Karen T. Rieken, P.E., Terracon Consultants, Inc.

TANKS I TRACK

- **Using LNAPL Transmissivity to Make Remedial Decisions** _____ **90 mins/1.5 hr**
Andrew Kirkman, BP and Tom Fox, Colorado Division of Oil and Public Safety

TANKS II TRACK

- **Vapor Intrusion Investigation: When Excavation is Solution** _____ **45 mins/.75 hr**
Paul Wilkerson, Sunbelt Environmental Services
- **Vapor Intrusion Investigation: The Rest of the Story** _____ **45 mins/.75 hr**
Ken Koon, MDNR Tanks Section

SOLID WASTE TRACK

- **Waste Connections Sustainability Campus** _____ **45 mins/.75 hr**
Brady Stewart and Benjamin Tucker, Waste Connections and Jim Carver, City of Maryland Heights
- **Value of Long-Range Solid Waste Planning** _____ **45 mins/.75 hr**
Laura Drescher, P.E., Burns & McDonnell ; Ashley Krug, City of Springfield; and Barbara Carroll, City of Warrensburg

ENVIRONMENTAL ISSUES TRACK

- **Groundwater Sample Collection via SP-16 Tool** _____ **30 mins/.50 hr**
Neal Farrar, Sunbelt Environmental Services, Inc.
- **Solar Radiance as a Latent Heat Source in the Enhanced Evaporation Process for Leachate Volume Management** _____ **30 mins/.50 hr**
Robert Ballantyne and Miranda Deeths, Resource West, Inc.
- **“Mining Bitcoin” from Your Groundwater Database** _____ **30 mins/.50 hr**
Jill Dekart, Foth Infrastructure & Environment

BROWNFIELDS TRACK

- **Missouri Brownfields Partners** _____ **90 mins/1.5 hr**
 - Addressing Brownfields Redevelopment for Land & Community Revitalization in Missouri**
David Doyle, US EPA
 - Technical Assistance for Brownfields: Free Help, Just Ask!**
Maggie Belanger, KSU TAB
 - Developer’s Perspective on Brownfields**
Philip Hulse, Green Street Development

TANKS I TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1** _____ **90 mins/1.5 hr**

TANKS II TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2** _____ **90 mins/1.5 hr**

MONDAY, JULY 10

3:30 - 5:00 PM CONCURRENT BREAKOUT SESSIONS

SOLID WASTE TRACK

- **AN INTERACTIVE PANEL DISCUSSION -**

Join us with your questions and comments for an entertaining session

**** Summary of Missouri's Waste Management History **** _____ **90 mins/1.5 hr**

Thomas Gredell, P.E., and Rickie Roberts, P.E.,

GREDELL Engineering Resources;

Mike Duvall, recently retired from Boeing - St. Louis

ENVIRONMENTAL ISSUES TRACK

- **Preparing for a Painless Environmental Audit** _____ **45 mins/.75 hr**

Eric Emmett, P.E., Environmental Operations, Inc.

- **SWPPP and SPCC Compliance with Minimum Redundancy** _____ **45 mins/.75 hr**

Eric Emmett, P.E., Environmental Operations, Inc.

BROWNFIELDS TRACK

- **Case Studies in Brownfields Redevelopment**

Multi-Agency Coordination Success Story _____ **30 mins/.50 hr**

David Forseth, Geotechnology, LLC

Carondelet Coke: Accelerating Brownfield Transformation Through Pre-Emptive VI Mitigation _____ **30 mins/.50 hr**

Noah Streich, Land Science

Looking Back to Look Forward _____ **30 mins/.50 hr**

Chris Cady, Ph.D., MDNR

TANKS I TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1** _____ **90 mins/1.5 hr**

TANKS II TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2** _____ **90 mins/1.5 hr**

TUESDAY, JULY 11

8:30 - 10:00 AM

CONCURRENT BREAKOUT SESSIONS

SOLID WASTE TRACK

- **How Do We Measure Waste Diversion Success?** _____ 30 mins/.50 hr
Jeff Phillips, SCS Engineers
- **Recycle Right: Community Education for Landfill Diversion and Contamination Reduction** _____ 30 mins/.50 hr
Ashley Krug, City of Springfield
- **When Engineers Do Marketing** _____ 30 mins/.50 hr
Josh Gabehart, Foth Infrastructure & Environment

ENVIRONMENTAL ISSUES TRACK

- **Dam or Filter, What's the Difference When It Comes to Sediment Control?** _____ 45 mins/.75 hr
Jeff King, American Excelsior Company
- **Optimizing Investigations of Complex Co-Mingled Contaminants with Utilizing Subsurface Imaging Technologies** _____ 45 mins/.75 hr
Janet Castle, R.G. and Vince Kowalick, Eagle Synergistic Optimizing Technologies, LLC

PFAS TRACK

- **PFAS Update on Current and Future Analytical Methods for Solid Waste Professionals** _____ 45 mins/.75 hr
Paul Jackson, Pace Analytical Services, LLC
- **A State of PFAs - Welcome to Minnesota!** _____ 45 mins/.75 hr
Brian Sperrazza, P.E., P.G., Foth Infrastructure & Environment

TANKS I TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1** _____ 90 mins/1.5 hr

TANKS II TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2** _____ 90 mins/1.5 hr

TUESDAY, JULY 11

10:30 AM - 12:00 PM

CONCURRENT BREAKOUT SESSIONS

SOLID WASTE TRACK

- **The UNLIMITED Setout Nightmare** _____ 45 mins/.75 hr
Cynthia Mormile, MSW Consultants
- **Where Are We Going with All This Plastic?** _____ 45 mins/.75 hr
Dana Ripper, Missouri River Bird Observatory & Beyond Plastics

ENVIRONMENTAL ISSUES TRACK

- **Horizon II: A Climate-Smart Future for Corn, Soybean, Livestock, and Renewable Natural Gas Production** _____ 30 mins/.50 hr
Brandon Butler, Roeslein Alternative Energy
- **Agriculture Waste to RNG - Here Piggy, Piggy, Piggy** _____ 30 mins/.50 hr
Bret Clements, P.E. and Marilyn Jones, SCS Engineers
- **The Role of Organics Management in Climate Action Planning** _____ 30 mins/.50 hr
Dan Bacehowski, HDR Engineering

PFAS TRACK

- **Comparison of Adsorbents for the Removal of PFAs from Landfill Leachates** _____ 45 min/.75 hr
Marat Goldenberg, P.E., Vadose Remediation, LLC
- **Colloidal Activated Carbon Used to Enhance Natural Attenuation of PFAS at Airports World-Wide: A Multiple Site Review** _____ 45 mins/.75 hr
Ryan Moore, Regenesis

TANKS I TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 1** _____ 90 mins/1.5 hr

TANKS II TRACK

- **ITRC: Effective Application of Guidance Documents to Hydrocarbon Sites - Scenario 2** _____ 90 mins/.1.5 hr

1:00 PM - 2:30 PM

CONCURRENT BREAKOUT SESSIONS

SOLID WASTE TRACK

- **Environmental Permitting and Compliance - Back to Basics** _____ 30 mins/.50 hr
Marilyn Jones, SCS Engineers
- **Engineered Turf Solutions for Erosion Control and Beneficial Reuse of Landfills** _____ 30 mins/.50 hr
John Hermann, Watershed Geo
- **Leak Location Geomembrane** _____ 30 mins/.50 hr
Jorge Hernandez, Solmax

ENVIRONMENTAL ISSUES TRACK

- **Missouri Product Stewardship - Paint Care** _____ 45 mins/.75 hr
Kathrina Donegan, St. Louis County Department of Public Health
- **Flexamat - Permanent Erosion Control Solutions** _____ 45 mins/.75 hr
Ron Geater, Motz Enterprises, Inc.

PFAS TRACK

- **POET Team: Identifying Key Drivers of PFAS Breakthrough in Groundwater Wells Point of Entry Treatment (POET) Systems** _____ 45 mins/.75 hr
Richard Spiese, State of Vermont
- **The Versatility of Clay-Based Adsorbents for PFAS Treatment** _____ 45 mins/.75 hr
Marat Goldenberg, P.E., CETCO and Vadose Remediation

TANKS I TRACK

- **Treating and Pretreating Hard to Access Hydrocarbon Contamination in Underground Storage Tank Basins and Utility Corridors with Colloidal Activated Carbon** _____ 90 mins/1.5 hr
Ryan Moore, Regenesis

TANKS II TRACK

- **Developing Comprehensive 3D Conceptual Site Models: Insights on Delineation Data Gaps & Groundwater Plume Monitoring** _____ 45 mins/.75 hr
Max Hoffman, R.G., Environmental Works, Inc.
- **I Have RECs, Now What?** _____ 45 mins/.75 hr
Melissa Dowling, Terracon Consultants, Inc.