



MWCC
ENVIRONMENTAL
CONFERENCE

July 15 - 17, 2018
Tan-Tar-A Resort, Lake Ozark, MO

Solid Waste Recertification, PDH, and
Missouri CLE Continuing Education Credits will be available

CONFERENCE AGENDA

SUNDAY, July 15

- 11:00 am **GOLF TOURNAMENT** - shotgun start, The Oak Golf Course
- 2:00 pm Exhibit set up
- 4:00 pm Registration opens
- 6:00 pm **WELCOME RECEPTION**
- 8:00 - 10:00 pm Board reception for young professionals - new to the industry (less than 5 years)
-

MONDAY, July 16

*[SW = Solid Waste; CCR = CCR and Coal Ash;
G/E = Green/Environmental; BR = Brownfields;
RE = Remediation; TA = Tanks)*

- 7:30 am Registration, breakfast, exhibits open
- 9:00 am • **PLENARY SESSION - Dr. Ken Baylor,**
 Advanced Leadership Solutions, LLC
- 9:00 am BR: • **A Beginners Guide to Brownfield Redevelopment**
 Catherine Jones and Scott Huckstep, MoDNR
- 10:00 am Break in exhibit hall



10:30 am **CONCURRENT SESSIONS**

- SW: • **A Multidisciplinary Approach to Evaluating and Controlling Landfill Odors,**
Lindsay James and Austin Quick, Blackstone Environmental, Inc.
- **Quantitative Assessment of Odor Issues,**
Joseph Stolle and Wendy Vit, GeoEngineers, Inc.
- **You're "Cut Off." Now What? A Case Study of How WCA Avoided
Permanent Cut Off Through Effective Communication and
Technical Support for Strong H2S Odors in Leachate,**
Brad Granley, Leachate Management Specialists
- CCR: • **Approaches to Alternate Source Demonstrations for CCR Units,**
Wayne Weber, Burns & McDonnell
- **Natural Attenuation of CCR Metals in GW,**
Jeffrey Ingram and Mark Haddock, Golder Associates
-

Monday, July 16 (continued)

10:30 am CONCURRENT SESSIONS (continued)

- G/E: • **Missouri Land Reclamation Program Pollinator Initiative: Putting Ecological Theory into Practice**, Christopher Bobryk, MoDNR Missouri Geological Land Reclamation Program
- **Callaway County Sewer District Formation**, Kent Wood and Mylene Dunn, Callaway County Health Department
- BR: • **How to Begin the Brownfield Redevelopment Process**
Maggie Egbarts, K-State University TAB Program;
Bobbie Pennington, MoDNR

12:00 pm Lunch; award presentations
Keynote speaker TBA

1:30 pm CONCURRENT SESSIONS

- SW: • **Safety Culture: How to Move the Safety Needle in the Waste Industry**, Charlie Sedlock, Hamm, Inc.
- CCR: • **CCR Pond Closure Stabilization Design & Construction Quality Assurance**, Eric Dulle and Kristine N. Mitchell, Burns & McDonnell
- G/E: • **Legal Update - Environmental Legal Issues in Missouri**, Steve Jeffery, Jeffery Law Group;
Bruce Morrison, Great Rivers Environmental Law Center
- **EPA's Present and Future: Regulation and Policy Reforms for WOTUS, Air Quality and Brownfields**, Kelli Calhoon, Blackstone Environmental, Inc.
- BR: • **Brownfield Assessments and Available Resources**, Brian McCurren, Christine O'Keefe, Catherine Jones, MoDNR, Maggie Egbarts, Kansas State TAB Program, Kristin Allan Tipton, EI ERA, and others

2:15 pm - *SW and CCR tracts will meet together for the following session:*

• **Solid Waste Management Program Rules Update**, Greg Snellen, Missouri Department of Natural Resources

3:00 pm Break in exhibit hall

3:30 pm CONCURRENT SESSIONS

- SW: • **NMOC Testing: How and Why?**, Tia Jeter, SCS Engineers
- **The Real Answer: The True Maximum Counter - Current Flow Velocity for GCCS Design**, Juene Franklin, Franklin Engineers & Consultants, LLC
- **Landfill Gas - Non-welded HDPE Solutions**, Kyle Kukuk, Blackstone Environmental, Inc.
-

Monday, July 16 (continued)

3:30 pm **CONCURRENT SESSIONS** (continued)

- CCR: • **Siting & Design of New UWL's and GWM Systems Pursuant to the CCR Rule**, Gary Pendergrass and Justin Brown, GeoEngineers, Inc.
• **Win-Win! Improving Water Quality & Repurposing a CCR Surface Impoundment**, Tom Gredell, GREDELL Engineering Resources, Inc. and Jeffery Fouse, Reitz & Jens, Inc.,
- G/E: • **Durable and Efficient Concrete Using Double Recycled Rubber-Fiber Powder**, Dr. Mohamed ElGawady and Ahmed Gheni, Missouri University of Science and Technology
• **Sustainable Reuse of Healthcare Waste**, Brian Dyche and Greg Haug, Trioxy, Inc.
- BR: • **Ask the Brownfields Project Manager!**
Brian McCurren, Chris Cady, Christine O'Keefe, Mike Washburn, Wes March, Callie Carlile, and Bobbie Pennington, MoDNR

5:00 pm **RECEPTION - BRING THE FAMILY!**

TUESDAY, July 17

7:30 am Registration, breakfast exhibits open; SWANA meeting

8:30 am **CONCURRENT SESSIONS**

- SW: • **Volume Calculations: More than Just Math**, Renee Trenshaw, SCS Engineers
• **Monitor Well Network Optimization**, Mick Cossairt, GREDELL Engineering Resources, Inc.
• **Columbia Landfill Recent Site Development and CCR Material Disposal**, Brian Weis and Devyn Asche, Burns & McDonnell
- RE: • **Using UV-Induced Fluorescence to Enhance an LNAPL Conceptual Site Model**, Anthony Moore, Environmental Works, Inc.
• **PFAS Overview**, Nathan Edlund, Pace Analytical.
- G/E: • **Environmental Compliance Audits and Due Diligence in Property Transactions/Mergers and Acquisitions**, Jennifer Martin, HeplerBrown, LLC, and Bill Witts, Environmental Operations, Inc.
• **Thinking Small: The Growing Presence of Engineered Nanoparticles in Wastewater**, Connie Walden, GREDELL Engineering Resources, Inc.
- TA: • **Corrective Action at an LNAPL Site Using Bioremediation and Enhanced Fluid Recovery**, Wil King, Nova Consulting
• **Ecological Risk Assessment Using the MRBCA for Petroleum Storage Tanks**, Justin Buckler, MoDNR
-

Tuesday, July 17 (continued)

10:00 am break in exhibit hall

10:30 am **CONCURRENT SESSIONS**

- SW: • **Harvest Good Data to Make Great Operational Decisions**, Tracy Lemar, Andrew Phillips and Chris O'Brien, Barker Lemar Engineering Consultants
- **Learning from Others: Landfill Fire Case Study and Discussion**, Jeff Phillips, Barker Lemar Engineering Consultants
- **An Uncommon Approach to an Uncommon Landfill**, Brady Stewart and Josh Newton, Champ Landfill
- RE: • **Common Causes of Remediation Failures and Solution Practices**, Derek Ingram, XDD Environmental
- **A Look into the Future: Remediation of the Future**, Noel Shenoj, CalClean
- G/E: • **Key Points on Point of Generation**, Julie Marks, Barr Engineering Company
- **Implementing the Generator Improvements Rule and Where Are E-Manifests**, Angela Martin, Heritage Environmental Services
- TA: • **Underground Injection Control at Tank Sites**, Steve Lang, MoDNR
- **Evaluating MNA Data**, representative from Sunbelt Environmental

12:00 pm Networking Lunch - drawings, prizes and election results

1:00 pm **CONCURRENT SESSIONS**

- SW: • **Geochemical Evaluation for Reduction of Scaling in Landfill Leachate Collection Systems**, Stephanie Hill, SCS Engineers
- **Innovative Revetment Technology for LF Stormwater Management and a New Cutting Edge Methodology of Converting Liquid Waste into a Solid**, David Cieply, Watershed Geosynthetics
- **The Future of Geomembrane Installation: Using Smart Technology and Data Acquisition to Enhance Installation Standards, Quality Control and Project Reporting for Field Welding Thermoplastic Membranes**, Allen Bullock, Leister Technologies
- G/E: • **Is Your Landfill Suitable for Solar?**, Travis Fultz, Sunbelt Environmental Services, Inc.
- **GPRS - Line Strike Prevention**, Josh Dotson and Josh Schamberger, GPRS
- TA: • **LNAPL Guidance, Changes to Well Rules, and Other Tanks Updates**, Laura Luther, MoDNR

2:30 pm Conference closes

2018 CONFERENCE SPONSORS