



# 2018 MISSOURI HAZARDOUS WASTE SEMINAR

November 15, 2018

Stoney Creek Hotel & Conference Center  
2601 South Providence Road, Columbia, MO 65203  
(573) 442-6400

Presented by

**REGFORM**  
REGULATORY ENVIRONMENTAL  
GROUP FOR MISSOURI

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# Program Schedule

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Thursday, November 15

All plenary sessions meet in Salon A/B

**8:00 a.m. Continental Breakfast**

**8:15 a.m. Welcome**

BRIAN MARTIN, Ameren, REGFORM Hazardous Waste  
Chairperson

ROGER WALKER, REGFORM

**8:20 a.m. Hazardous Waste Update--The Year in Review**

A re-cap of the most important issues and happenings  
since our last Missouri Hazardous Waste Seminar:

Regulation/policy changes, guidance updates, standards,  
US EPA actions, permit activity, HWMC decisions, national  
trends, firsts, and personnel moves, too.

JOHN SMITH, US EPA Region 7

DAVID SHANKS, The Boeing Company

GENE SCHMITTGENS, Rouse Frets

DIANA MARQUEZ, Burns & McDonnell

CAREY BRIDGES, MDNR, DEQ

KEVIN PERRY, REGFORM (Moderator)

**9:05 a.m. Mini Break**

**9:15 a.m. Hazardous Waste Program Update**

The HWP Director will update us on recent developments  
and discuss hot topics including staffing, organization,  
accomplishments, fees, regulation changes, and priorities  
and initiatives for the upcoming year.

JOHN JURGENSMEYER, MDNR, Hazardous Waste Program  
Director

**9:40 a.m. Definition of Solid Waste in Missouri--What it Means with  
no Resource Recovery Program**

In the Red Tape Reduction amendments, MDNR has  
proposed eliminating the Resource Recovery program.  
Along with that will come, for the first time in Missouri, the  
adoption of the Federal Definition of Solid Waste. What's  
in DSW? How will generators now view and handle  
hazardous secondary materials?

DAVE EPEMA, MDNR HWP

**10:05 a.m. Networking Break**

**10:25 a.m. The Bottom Line on Satellite Accumulation Areas**

The Missouri approach to Satellite Accumulation Areas has  
been in place for years. It even survived the No Stricter  
Than revisions. MDNR proposed to remove it as a part of  
the Red Tape Reduction (RTR) effort, citing at least one  
consideration that very few generators used it. Where are  
we now? Can generators still have a time-limited SAA with  
more than one waste stream, rather than a volume-limited  
one? What about notification, and mixing approaches in  
one facility?

DAVID SHANKS, The Boeing Company

**10:45 a.m. RAGS to Riches**

The panel will discuss MDNR's new Risk Assessment  
Group (RAG), including its purpose and mission; top  
priority issues; the relationship between MDNR, DHSS, and  
US EPA; funding; and potential pitfalls.

AARON SCHMIDT, MDNR, DEQ

JONATHAN GAROUTTE, DHSS

CHRIS NEAVILLE, The Doe Run Company

RICH NUSSBAUM, MDNR, DEQ

ROGER WALKER, REGFORM (Moderator)

**11:20 a.m. e-Manifest Update**

e-manifesting for Hazardous Waste came on line in June.  
But not without some bumps in the road. How is it  
working? Hear about real world experience using the new  
systems. How is it being used? Are there key deadlines  
that generators and/or TSDs need to prepare for?

SAMANTHA ANDERSON, The Doe Run Company

ANDREA FARR, Farr Solutions

**11:45 p.m. Red Tape Reduction Rule Changes and How They Impact  
Generators**

The Governor's Executive Order 17-03 set in motion a  
review of every MDNR regulation, including the HWP's  
rules. MDNR has now proposed major changes, including  
the elimination of the Resource Recovery Program, along  
with the adoption of the Federal DSW rules in MO. They've  
also proposed changes to container labeling and  
hazardous waste tank NFPA diamond placarding  
requirements. At the time of this Seminar, the Hazardous  
Waste Management Commission will have voted on the  
Order of Rulemaking. We'll know which rule changes were  
adopted, which were rejected, and which proposals may  
have been expanded in response to public comments.  
You'll know what has changed and how to get ready for the  
effective date of these amendments.

KEVIN PERRY, REGFORM

**12:10 p.m. Lunch**

## AFTERNOON SESSIONS

**1:00 p.m. Welcome and Introduction to Afternoon Sessions**

SHANNON HANEY, Greensfelder

**1:05 p.m. Calculating RBTLs**

The Hazardous Waste Program recently requested  
comments from stakeholders on proposed RBTLs. The new  
RBTLs are based on US EPA's Regional Screening Levels  
(RSLs). Over 700 chemicals are now covered in the  
proposal. How were these numbers arrived at? Are they  
more stringent or less than current target levels? What  
about special issues like chlorinated solvents and  
GROs/OROs/DROs?

MICHELLE HARTMAN, DHSS

**1:35 p.m. Permitting Update**

MDNR has placed a high priority on reducing permit review  
times and eliminating permit issuance backlogs. Hear an  
update on what's being done in the HWP to clear permits  
from the pipeline? Can you do anything to make your  
permit review go faster?

CHARLENE FITCH, MDNR, Hazardous Waste Program

**2:00 p.m. MRBCA & Vapor Intrusion Proposed Guidance Changes  
and Sustainable & Cost Effective Green Remediation**

Dr. Salhotra will review the changes to RBTLs, MRBCA guidance, and Vapor Intrusion guidance that were circulated recently for stakeholder group comments. And he'll discuss resources used for site remediation with approaches to making remediation more sustainable.  
ATUL SALHOTRA, RAM Group

WARD SWANSON, Barr Engineering

**2:35 p.m. Networking Break**

**2:55 p.m. PFAS 101**

What chemicals and types of chemicals fall under the umbrella of PFAS? What are they used for? How prevalent are they in various media? How do these compounds behave in the environment? What remediation strategies work, and what should we be aiming for in cleanups?

**3:25 p.m. Common RCRA Subpart BB Leak Detection and Repair (LDAR) Compliance Issues**

Reducing Hazardous Air Emissions from Hazardous Waste Facilities is one of US EPA's National Compliance Initiatives (NCIs) for FY2017-2019. In recent inspections, 40 CFR 264/265 Subpart BB (Equipment Leaks) has become a focus. Learn more about common RCRA BB LDAR compliance concerns to improve your LDAR program.  
NANCY LIANG, PE, Trinity Consultants

**3:55 p.m. Adjourn**

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	REGISTER NOW	REGISTER LATE/ON SITE (After 10/31/18)
Standard Rate	\$210	\$260
REGFORM Member Rate	\$100	\$150
Government Rate	\$175	\$225

**CANCELLATIONS:** All cancellations received prior to 10/31/18 receive a refund minus a \$50 processing fee. Cancellations received on or after 10/31/18 receive a refund minus \$85 processing fee. This refund policy applies to all registrations rates. No-shows will be charged full registration fee. Substitutions are welcomed any time.

**LODGING**

Stoney Creek Hotel & Conference Center  
2601 Providence Road  
Columbia, MO 65203  
(573) 442-6400

Guaranteed room rate: \$94/night + taxes/fees  
Reserve your room no later than 10/31/18