



FIFTH ANNUAL

2016 MISSOURI HAZARDOUS WASTE SEMINAR

Missouri's Most Important Hazardous Waste Event of the Year

October 18, 2016

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

Presented by



in association with



Program Schedule

Tuesday, October 18

All sessions will meet in Salon A/B, unless noted

8:00 a.m. Continental Breakfast Foyer

8:20 a.m. Welcome
 SHANNON HANEY, Greensfelder, Hemker & Gale
 STEVE STURGESS, MDNR, Haz Waste Program Director

8:30 a.m. RBTLs & DTLs—The What, the Why, and the When
 Several years ago MDNR announced the undertaking of a major project to update Risk-Based Target Levels in Missouri. Existing targets, in many cases, lack support and are out of date with current tox studies. But when that can of worms got opened the size of the project

grew. Hear about the process to revise RBTLs, the bases for new numbers, where we are in the process, some alerts about numbers that will go up/down, & when it might all be done.

MICHELLE HARTMAN, MO Dept of Health & Senior Services

9:10 a.m. Mini Break

9:20 a.m. Hazardous Waste Program Update
 A re-cap of the most important issues, developments, and happenings since our last Missouri Hazardous Waste Seminar: regulation/policy changes, EPA actions and proposed actions, Commission decisions, coming changes, firsts, and personnel moves, too.
 STEVE STURGESS, MDNR, Haz Waste Program Director

9:40 a.m. In the Rear-View Mirror—A Look Back at the First Year (Almost) of No Stricter Than Implementation

We've got nearly a year under our belts with the No Stricter Than rule in effect. What's it been like? What about Satellite Accumulation Areas? Do generators understand? Hear about enforcement discretion, new HW tanks regs, experiences with new inspection checklists, and more.

KATHY FLIPPIN, MDNR, Hazardous Waste Program

10:10 a.m. Networking Break

10:30 a.m. Proposed Federal Hazardous Waste Generator Improvements Rule

Just when you thought drastic changes to our rules were going to take a pause, US EPA proposes some interesting changes. New requirements for determinations? CESQGs send their waste to a LQG? Flexibility on getting bumped up to LQG status? Prohibition against reactive wastes in satellite accumulation areas? And more.

LINDA VISHINO, Washington University in St. Louis

11:10 a.m. Vapor Intrusion—Driving Cleanups, but Driving People away from VCP?

US EPA's "new" guidance on Vapor Intrusion (VI) is having an effect in Missouri as stakeholders try to figure out if and how it can be used in mRBCA and BVCP. Soil gas sampling is out because EPA's new guidance says it is not a good predictor of indoor air. The stakeholders say it should be in. Other factors are in play that indicate VI will play a pivotal role in more site remediation projects. Will voluntary projects suffer as site owners shy away from new costs?

DIANA MARQUEZ, Burns & McDonnell

11:50 a.m. Speculative Accumulation, A Refresher

Speculative accumulation refers to false claims that wastes will be recycled and/or the indefinite storage of hazardous waste before recycling. Here's a refresher that will help you avoid triggering this finding and the bad news that goes with it. The exceptions make it complicated.

TONY PIERCE, MDNR, Hazardous Waste Program

12:05 p.m. Lunch Foyer

AFTERNOON SESSIONS

12:45 p.m. Welcome and Introduction to Afternoon Sessions

BILL LINDSEY, Midwest Environmental Consultants

12:50 p.m. Hazardous Waste Determination—Get it Right

Julie will dive deep into the regs behind making hazardous waste determinations that will withstand close examination by inspectors. She'll offer practical tips for making a determination. This is one of the most often cited RCRA violations: failure to make a determination. It becomes even more important with the expected promulgation of the Generator Improvement Rule.

1:30 p.m. Hazardous Material Spills Regulated Under New Rule

After 10K gallons of a coal cleaning chemical, 4-methylcyclohexylmethanol (MCHM), spilled into the Elk River in WV causing a local drinking water system to shut down, environmental NGOs took note and filed suit. In a recent settlement of that case, US EPA agreed to an 18-month timeline for promulgating rules called for 40 years ago in the CWA requiring action to prevent spills of hazardous substances into surface waters. Ironically, the Agency does not have authority under the CWA to regulate MCHM. The proposed rule is not out yet, but the settlement is telling. What will likely be in the rule, and how should you get ready, given the short timeline? Which chemicals will be regulated?

ROB HANLEY, Ph.D., TRC

2:10 p.m. New Fees Give, New Funding Formula Takes Away

Missouri generators will see the first effects of new fee rules when they get their registration invoices in October. That fee package is expected to add \$500K to MDNR coffers each year. But wait. US EPA's State and Tribal Assistance Grant (STAG) funding formula has changed and is poised to take away \$857K. What happened? What's being done? What will the Program do to keep on working?

RICH NUSSBAUM, MDNR, Hazardous Waste Program

2:25 p.m. Networking Break

2:45 p.m. Refreshing mRBCA Guidance

The Haz Waste Program has been developing a list over the years of needed changes to mRBCA guidance. With coming changes to RBTLs, guidance must be changed now. Stakeholders have participated extensively in dialog with MDNR. What have they talked about? What are the expected outcomes of this major undertaking?

CHRIS CADY, Ph.D., MDNR, Hazardous Waste Program

3:05 p.m. DSW in MO—Will it Fit?

On January 13, 2015, EPA issued a rule that amends its definition of solid waste (DSW) to promote recycling while protecting human health and the environment. It has not been adopted in Missouri. What's in the rule? How might it work in Missouri, a state that already has an independent hazardous waste resource recovery program? What are the potential complications associated with rule adoption and implementation? Will those who want to recycle see any benefits if/when this rule is adopted?

RICH NUSSBAUM, MDNR, Hazardous Waste Program

3:50 p.m. 10 RCRA Compliance Concerns That Can Trip You Up

After 30 years of inspections and audits, Chuck has identified 10 issues that keep cropping up at generator facilities. Avoid these and you can avoid NOVs and other headaches: incompatible wastes, aisle space, emergency notification, and seven more.

CHUCK KROEGER, GeoEngineers

4:30 p.m. Adjourn

Thank You, Sponsors



Conference attendees

Douglas Abeln
Schreiber, Yonley &
Assoc./Trinity

Terry Adams
Leeser TX, Inc.

Samantha Anderson
Doe Run Company

Charles Ault
DRS Marlo Coil

Scott Barton
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Maria Bonney
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