

Kansas Department of Health and Environment
Bureau of Environmental Remediation
1000 SW Jackson St Ste 410
Topeka KS 66612

264-27



KANSAS ENVIRONMENTAL CONFERENCE

August 18-20,
2015

Ramada Hotel & Convention Center
420 SE 6th Ave, Topeka, KS 66607

2015 Kansas Environmental Conference Agenda-at-a-Glance

Tuesday, August 18

9:00 – 12:00	Hazardous Waste Generator Workshop Beginner - Alcove I
1:30 - 4:30	Hazardous Waste Generator Workshop Advanced - Alcove I
10:00 – 2:00	Clean Air Act Advisory Group (CAAAG) Meeting - Alcove II
9:00 – 3:30	Brownfields Workshop – Alcove III
12:00 – 5:00	Vendor Setup – Grand Ballroom

Wednesday, August 19

7:00 – 8:00	Continental Breakfast – Regency Ballroom
8:00 – 10:15	Opening Plenary: Welcome and Opening Remarks (8:00 – 8:15) Kansas Environment Update, John Mitchell (8:15 – 8:30) Bureau Updates from Bureau Directors (8:30 – 9:30) EPA Enforcement Theory, DeAndré Singletary (9:30 – 10:15) <i>Break time with refreshments in the Atrium & Vendor visiting time in the Grand Ballroom (10:15 – 10:45)</i>

Time	Regency Ballroom Alcove I	Regency Ballroom Alcove II	Regency Ballroom Alcove III	Regency Ballroom Alcove IV
10:50 – 11:50	Stack Testing	Industrial Wastewater Permitting	Consultant Case Studies	Save Energy and Money with Effective Compressed Air Systems
12:00 – 1:15	Pollution Prevention (P2) Awards Luncheon – Regency Ballroom			
Time	Regency Ballroom Alcove I	Regency Ballroom Alcove II	Regency Ballroom Alcove III	Regency Ballroom Alcove IV
1:30 – 2:30	Voluntary Measures to Reduce Ozone Formation	Kansas and Drought	Surface Mining Section Overview	P2 Intern Success Stories
2:50 – 3:50	Preparing for an Air Inspection	Hays Water Conservation	Regulatory, Remedial, & Redevelopment Collaboration – RACER Trust Fairfax Industrial Site	Green Chemistry for Environmental Protection
3:55 – 4:55	Air Inventory – Software	Energy Generation through Anaerobic Digestion	Record Keeping & other Hazardous Waste Compliance Topics	Farm to Fork or Farm to Landfill?
5:00 – 7:00	Vendor Reception & Poster Session – Grand Ballroom & Atrium			

Thursday, August 20

7:00 – 8:00	Buffet Breakfast – Regency Ballroom			
Time	Regency Ballroom Alcove I	Regency Ballroom Alcove II	Regency Ballroom Alcove III	Regency Ballroom Alcove IV
8:00 – 9:00	Air Permitting Update	Earthquakes in KS: An Update of Research at the KGS	The Disposal on Naturally Occurring Radioactive Material (NORM) in KS	Meat and Food Industry Wastewater Issues and Treatment
9:00 – 10:00	GHG Regs & IIID	KS Blue-Greens...Pretty Name, Big Trouble	Proactive Approach to Sustainability Issues – Panel Discussion	Long Term Care of Closed Industrial and C&D Landfills
10:15 – 11:00	Q & A Plenary: Ask the Regulators – Regency Ballroom			
11:00 – 11:45	Closing Plenary: Mars: Sustainability in a Generation - Regency Ballroom			
12:00 – 1:00	Lunch/Conference Closing/Prize Drawing – Regency Ballroom			
1:30 – 2:30	Optional Tour: Mars Chocolate Topeka			

Conference Overview

The 2015 Kansas Environmental Conference, hosted by the Kansas Department of Health and Environment, will provide updates on environmental issues, new technologies, regulatory information and pollution prevention.

Goal

The goal of the conference is to provide businesses, industries, community leaders, consultants, and the public with an understanding of new regulations, current trends in environmental quality, new technologies and advantages of pollution prevention.

Who Should Attend?

The conference has been developed by a planning committee comprised of environmental managers and consultants, industrial engineers, and university staff. Anyone interested in environmental regulations, pollution prevention, new technologies or the status of the environment in Kansas is invited to attend.

Registration

Visit <https://www.kansas.gov/ssrv-kanpayxpr/services/BEFS/KEC11PRe4/additionalInformation.html> to register online, or complete the paper registration form in the agenda and mail it along with your \$150 registration fee through 5:00 p.m., July 31 to the address provided on the form. *If you wish to register after 5:00 p.m., July 31, an additional late fee of \$20 will be assessed. Late online registration is available at <https://www.kansas.gov/ssrv-kanpayxpr/services/BEFS/KEC11PRe0/additionalInformation.html> , or you may complete the paper registration form in the agenda and mail it along with your \$170 registration fee.*

Professional Development Hours (PDHs)

A Certificate of Attendance will be provided to individuals who request one on the registration form. This certificate, along with a copy of the agenda marked with sessions attended, will assist individuals needing to document professional development hours for their technical profession. It is up to each individual to determine how many PDHs were earned at the conference. For more information on documenting PDHs, visit the Kansas State Board of Technical Professions' website at <http://www.ksbtp.ks.gov/> .

Exhibitors

You are invited to register for a booth to display your services and/or products. Cost is \$400 and includes two paid conference registrations, an 8'x 30" clothed and skirted table, two chairs per table, and free internet access. Electricity can be purchased for an additional \$25. Contact KDHE BER at 785-296-6603 for a vendor registration packet, or visit <https://www.accesskansas.org/ssrv-kanpayxpr/services/BEFS/KEC11VRe47/additionalInformation.html> to register online.

Location and Accommodations

The conference will be held at the [Ramada Topeka Downtown Hotel and Convention Center, 420 SE 6th St, Topeka, KS 66607](#). Sleeping rooms have been blocked at a conference rate of \$83.00 per night. Make your room reservation by calling the hotel directly at (785) 234-5400 or 1-800-432-2424 and mention you are part of the **Kansas Environmental Conference** to receive the conference rate.

Deadline for booking a room at the conference rate is July 31, 2015.

TUESDAY, AUGUST 18

8:30 – 5:00 Registration

12:00 – 5:00 Vendors Set Up

9:00 – 4:30 Hazardous Waste Generator Workshops

Room: Alcove I

Be the first to attend the 2014 Hazardous Waste Generator Workshops. The morning session (9:00 – 12:00) will be a general overview of the basic hazardous waste generator requirements. The afternoon session (1:30 – 4:30) will cover more advanced topics in hazardous waste. There is no cost to attend the workshops. Lunch is on your own.

Rebecca Wenner, KDHE BWM

10:00 – 2:00 Clean Air Act Advisory Group (CAAAG)

Room: Alcove II

Bureau of Air gives stakeholders the chance to provide input into the policies and procedures of the air program through meetings of the KS CAAAG. There is a \$38.00 fee to attend the CAAAG meeting. Lunch will be provided. Space is limited to 100.

9:00 – 3:30 Brownfields Workshop

Room: Alcove III

Learn about the funds and resources available for the successful redevelopment of Brownfields properties and how to fund successful redevelopments through different available resources. Reuse and revitalization of abandoned, idled, or underutilized properties is both a challenge and an opportunity. The workshop is free to attend and lunch will be provided!

KDHE Brownfields Program & Technical Assistance to Brownfields (TAB) Program at K-State

7:00 – 8:00 Registration / Continental Breakfast

Breakfast located in the Regency Ballroom.

8:00 – 10:15 Welcome & Opening Plenary

Room: Regency Ballroom

State of the Kansas Environment, John Mitchell,

KDHE's Division of Environment Director

KDHE Bureau Updates: BER-Leo Henning, BOW-Mike

Tate, BWM-Bill Bider, BOA-Rick Brunetti

EPA Enforcement Theory, DeAndre Singletary, EPA

10:15 – 10:45 Reenergize with refreshments in the Atrium. Be sure to visit our Vendors in the Grand Ballroom!

10:50 – 11:50 Concurrent Sessions

Room: Alcove I

Stack Testing

An overview of performance testing and RATA issues pertaining to demonstrating compliance with emission limits set within KDHE air permits and applicable air quality control regulations.

Javier Ahumada, KDHE BOA

Adam Irvin, KDHE BOA

Room: Alcove II

Industrial Wastewater Permitting

An overview of the Kansas wastewater permitting process. Addresses the information needed and the processes required for the issuance/reissuance of a Kansas Water Pollution Control Permit.

Don Carlson, KDHE BOW

Room: Alcove III

Two Consultant Case Studies:

Improving the Effectiveness of Interceptor Trench for Hydraulic Containment of Chloride Impacted Groundwater at a Natural Gas Liquid Storage Facility

This presentation describes the lessons learned as to the importance of performance testing prior to the design and construction of a hydraulic containment system to control the migration of chloride impacted groundwater

Jeffrey Binder, Burns & McDonnell

Risky Business? Growing Food Crops on Brownfield Sites

More and more community gardens are being established on brownfield sites. Case studies will highlight the latest KSU research on contaminant uptake by food crops grown on such sites and associated best management practices.

Sabine Martin, CTOR Solutions, LLC

Room: Alcove IV

Save Energy and Money with Effective Compressed Air Systems

Compressed air, often called the "fourth utility" after electricity, natural gas and water, is identified by government agencies and industry experts alike as one

of the most expensive sources of energy available to industry. Attend this presentation to learn how to manage your compressed air system more effectively to save energy and money.

David Carter, KSU's Pollution Prevention Institute

Jeremy Bey, UE Systems

12:00 – 1:15 Pollution Prevention (P2) Awards Luncheon

Room: Regency Ballroom

If you have special dietary needs, please indicate this on your registration form.

1:30 – 2:30 Concurrent Sessions

Room: Alcove I

Voluntary Measures to Reduce Ozone Formation

As the two biggest metro areas in Kansas, Wichita and Kansas City face similar struggles in meeting federal ground-level ozone standards. Tonya Bronleewe with the City of Wichita and Amanda Graor with the Mid-America Regional Council will share the voluntary actions taking place in both cities to reduce ozone formation and how the two metros are preparing for possible non-attainment designations with a new ozone standard on the horizon.

Tonya Bronleewe, City of Wichita

Amanda Graor, Mid America Regional Council

Room: Alcove II

Kansas and Drought

Recent drought in Kansas, its impacts and Kansas responses.

Diane Knowles, Kansas Water Office

Room: Alcove III

Surface Mining Section Overview

The presentation will cover the regulation of coal mines within the State of Kansas and the operations of the Abandoned Mine Land Program.

Murray Balk, KHDE SMS

Room: Alcove IV

P2 Intern Success Stories

From 2006-2014, interns participating in the Kansas State University Pollution Prevention Intern Program have identified potential savings of 25 million kWh of electricity, 240 million gallons of water, and \$8 million. Attend this presentation to hear success stories from previous years, as well as from the 2015 intern program.

Nancy Larson, KSU Pollution Prevention Institute

David Carter, KSU Pollution Prevention Institute

2:30 – 2:50 Get refreshed with snacks in the Atrium and be sure to visit our Vendors in the Grand Ballroom. Don't forget to have Vendors initial your dance card to be eligible for prize drawings during Thursday's lunch!

2:50 – 3:50 Concurrent Sessions

Room: Alcove I

Preparing for an Air Inspection

Top 10 Air Violations: Discussion an facility applicable regulations, air permits, permit conditions, and permit limitations.

Jennifer Nichols, KDHE Salina

Preparing to Conduct an Air Compliance Inspection:

Outlining the details in what is involved in preparing and conducting an inspection.

David Butler, KDHE Wichita

What to Expect During an Air Inspection: Outlining what KDHE looks for during air inspections.

Dan Wilkus, Westar Energy

Room: Alcove II

Hays Water Conservation

Hays is the water conservation leader in Kansas, consuming 93 gallons per capita daily. City Manager Toby Dougherty will discuss the programs and processed Hays utilized along with the challenges of being at the conservation forefront.

Toby Dougherty, Hays City Manager

Room: Alcove III

Regulatory, Remedial & Redevelopment

Collaboration – Racer Trust Fairfax Industrial Site

For many years, including during war time production, industrial activity at the former GM Fairfax Plant 1 Site left environmental contamination that stymied redevelopment of this prime industrial real estate in Kansas City. A coordinated collaborative effort between KDHE, RACER Trust, and NorthPoint Development enabled RACER Trust to move forward with a cost effective and timely soil remedy that facilitated redevelopment of the property. The presenters will discuss the approach and the benefits and allow attendees to ask the presenters questions.

Chris Carey, KDHE BER

Robert W. Hare, P.E., CHMM

Chad Meyer, President/COO NorthPoint Development

Bruce Rasher, Redevelopment Mgr. RACER Trust

Room: Alcove IV

Green Chemistry for Environmental Protection

When green chemistry strategies are utilized, opportunities for minimizing the potential impact of chemicals to the environmental and/or human health are realized. These benefits are further realized upon incorporating these principles early into the concept or design phase and benefits to the entire value chain of the product/service result.

Michael Gonzalez, US EPA

3:55 – 4:55 Concurrent Sessions

Room: Alcove A-D

Air Inventory - Software

This presentation will cover KDHE BOA's implementation of the State and Local Emissions Inventory System (SLEIS), which allows permitted facilities to submit emissions inventory data to state and

local agencies via a web0based, CROMERR-compliant reporting system. The goal of using SLEIS is to bring greater efficiency to the collection, processing, quality assurance, and reporting of emissions inventories.

Melissa Weide, KDHE BOA

Will Stone, KDHE BOA

Room: Alcove II

Energy Generation through Anaerobic Digestion

Johnson County Wastewater expanded its Douglas L. Smith Middle Basin wastewater treatment plant, in Overland Park, Kansas, in 2011, which provided solids handling capabilities to cost-effectively treat solids from the recently upgraded liquid treatment stream. The project also included the addition of a fats, oils, and greases (FOG) receiving station and a combined heat and power (CHP) system to utilize digester gas to produce power for the treatment plant and capture heat from the CHP units to heat digester process, FOG and plant buildings.

Susan Pekarek, P.E., Johnson County Wastewater

Room: Alcove III

Record Keeping and Other Hazardous Waste Compliance Topics

This session will focus on recordkeeping requirements for hazardous waste management. This will include the Notification form 8700-12, weekly and monthly inspections, hazardous waste determinations, training documentation, and more.

Rebecca Wenner, KDHE BWM

Christine Mennicke, KDHE BWM

Room: Alcove IV

Farm to Fork or Farm to Landfill?

With all the resources it takes to get food to our plates, 40 percent goes uneaten in the United States. Not only is that a waste of food, but also of water, energy, land, and unnecessary chemicals. Come hear about initiatives occurring nationwide and in Kansas to increase the efficiency of our food system minimize food waste.

Nancy Larson, KSU PPI

Barb Goode, KSU PPI

5:00 – 7:00 Vendor Reception and Poster Session in Grand Ballroom and Atrium

Join us for delicious hors d'oeuvres and other refreshments while visiting with our vendors in a relaxed atmosphere. *Be sure to check out the student poster session as well!*

DANCE CARD / PRIZE DRAWINGS

Be sure to pick up a "Dance Card" from the Registration Table, visit each vendor booth and obtain the booth representative's signature. After collecting each signature, drop your completed Dance Card in the prize drawing box located at the Registration Table. Drawings for a variety of prizes will take place during Thursday's lunch.

The **Grand Prize** was generously donated by the Ramada and is a one night's stay with two tickets to Uncle Bo's and complimentary breakfast!

7:00 – 8:00 Breakfast Buffet – Regency Ballroom
Start your day right with a hearty breakfast!

8:00 – 9:00 Concurrent Sessions

Room: Alcove I

Air Permitting Update

The presentation will cover activities in the air permitting program. Discussion will also include revision to existing permits as well as streamlining the permit process.

Mindy Bowman, KDHE BOA

Will Stone, KDHE BOA

Room: Alcove II

Earthquakes in Kansas: An Update of Research at the Kansas Geological Survey

Based on current seismicity, faults in south-central Kansas appear to be reactivated by large volume brine injection. Elements being investigated will be described including geologic mapping, brine disposal and simulation, and seismic monitoring.

Lynn Watney, Kansas Geological Survey

Room: Alcove III

The Disposal on Naturally Occurring Radioactive Material (NORM) in Kansas

This session will examine wastes that contain NORM and TENORM, recent and needed changes to Kansas laws and regulations related to NORM disposal, and possible disposal facilities in Kansas.

Bill Bider, KDHE BWM

Room: Alcove IV

Meat and Food Industry Wastewater Issues and Treatment

Current meat and food industry wastewater concerns include nutrients and total dissolved solids. This presentation will discuss the sources of these contaminants, current wastewater treatment technologies being used to remove these contaminants, and impact to the industry's bottom line.

Bill McAllister, Burns & McDonnell

9:00 – 10:00 Concurrent Sessions

Room: Alcove I

GHG Regs & IIID

This session will provide background on proposed federal regulations that would require states to develop greenhouse gas emission reduction plans for electric utilities.

Tom Gross, KDHE BOA

Room: Alcove II

Kansas Blue-Greens...Pretty Name, Big Trouble

Blue-green algae or cyanobacteria have emerged in the public conscience as harmful algal blooms in Kansas lakes over the past five years. KDHE experience in responding to the perennial complaints on lakes, big and small, has yielded some insight on these threats to public health, risk management and improving watersheds to lower the nutrient loads that fuel these blooms. This presentation unveils our current thinking and the

challenges to overcoming this environmental problem.
Tom Stiles, KDHE BOW

Room: Alcove III

Proactive Approach to Sustainability Issues

Panel discussion to address how to take a proactive approach to sustainability issues.

Ron Sturgeon, Osborne Industries, Inc.

Stephen Keiter, 3P Processing

Troy Williams, CNH Industrial

Nancy Larson, KSU PPI - Moderating

Alcove IV

Long Term Care of Closed Industrial and Construction & Demolition Landfills

Current industrial and construction & demolition landfill permit regulations and policies regarding long-term care will be explained by KDHE's solid waste permit personnel. An industry official will explain their view of how these requirements are being addressed.

Dennis Degner, KDHE BWM

10:00 – 10:15 Reboot with a bite to eat in the Atrium.

Last chance to visit our Vendors in the Grand Ballroom and have them initial your dance card!

10:15 – 11:00 Q & A Plenary

Room: Regency Ballroom

Ask the Regulators

Question and answer plenary session from the business perspective on environmental regulations.

John Mitchell, KDHE Division of Environment Director

Rick Brunetti, KDHE BOA Director

Mike Tate, KDHE BOW Director

Leo Henning, KDHE BER Director

Bill Bider, KDHE BWM Director

Emceed by James Franko, Kansas Policy Institute

11:00 – 11:45 Closing Plenary

Room: Regency Ballroom

Mars: Sustainability in a Generation

Presentation will review the Mars Topeka building sustainability initiatives which enabled LEED Gold certification. Will also discuss the sustainability goals and current practices of the Mars Corporation.

Mark Baker, Site Engineering Mgr., Mars Corporation

12:00 – 1:00 Lunch/Prize Drawings

Room: Regency Ballroom

If you have special dietary needs, please indicate this on your registration form.

MARS CHOCOLATE TOPEKA TOUR

Join us following the conference on Thursday, August 20 for a tour of Mars Chocolate Topeka to view the Topeka Operations and see sustainability successes first hand.

Tour begins at 1:30 p.m. lasting approximately one hour. Participants will drive themselves. Closed toe shoes must be worn during the tour. Space is limited to 20 participants – sign up right away!



To register online for \$150 through 5:00 p.m., July 31*, go to:

<https://www.kansas.gov/ssrv-kanpayxpr/services/BEFS/KEC11PRe4/additionalInformation.html> Payment methods accepted online include: MasterCard, Visa, Discover, American Express, and Electronic Checks.

*If you wish to register after 5:00 p.m., July 31, an additional late fee of \$20 will be assessed: <https://www.kansas.gov/ssrv-kanpayxpr/services/BEFS/KEC11PRe0/additionalInformation.html>.

The registration fee for the conference is **\$150** through 5:00 p.m., July 31. After 5:00 p.m., July 31, the registration fee increases to **\$170**.

Kansas Environmental Conference
August 18-20, 2015

Name: _____

Organization: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone: _____ Fax: _____ E-Mail: (registrations will be confirmed by e-mail) _____

Please indicate the type of organization you represent:

- small business (≤100 employees)
- large business (>100 employees)
- state or federal government
- consultant
- county/municipality
- other _____

Check the events you plan on attending, dietary requests +/or request a Certificate of Attendance

- Tuesday, August 18, Beginner Hazardous Waste Generator Workshop (9:00-12:00)
- Tuesday, August 18, Advanced Hazardous Waste Generator Workshop (1:30-4:30)
- Tuesday, August 18, CAAAG Meeting (10:00 – 2:00) (\$38 fee) Limited to 100.
- Tuesday, August 18, Brownfields Workshop (9:00 – 3:30)
- Wednesday, August 19 Continental Breakfast
- Wednesday, August 19 Conference
- Wednesday, August 19 P2 Awards Luncheon
- Wednesday, August 19 Reception
- Thursday, August 20 Breakfast Buffet
- Thursday, August 20 Conference
- Thursday, August 20 Lunch
- Check here to request vegetarian meals
- Check here to request gluten-free meals
- Check here if you have a special dietary request
Describe: _____
- Check here to request a Certificate of Attendance

Optional tour following conference – limited to 20 participants

- Thursday, August 20 Mars Chocolate Topeka 1:30 p.m. – 2:30 p.m.

Please indicate if you have any special needs: _____

Mail this registration form along with payment of \$150 (plus \$38 if attending CAAAG Meeting) to:

Kansas Environmental Conference
KDHE Bureau of Environmental Remediation
1000 SW Jackson, Suite 410
Topeka, KS 66612

Cancellation Policy: Registrations may be cancelled until August 3 upon receipt of written request. The conference fee will be refunded, less a \$10 handling fee. No refunds will be made after August 3; however, substitutions are permitted.

Make check or money order payable to: KDHE Training Fee Fund
Questions: Call KDHE BER at (785) 296-6603