

2010  
**WORKS!**

# March 23-25, 2010 Junction City, Kansas



## Schedule-At-A-Glance

### Day 1, Tuesday March 23, 2010

7:30 - 8:30	Registration and Continental Breakfast
8:00 - 5:00	HHW 8-Hr Refresher Training
8:30 - 10:00	Concurrent Sessions
10:00 - 10:30	Break
10:30 - 11:45	Concurrent Sessions
11:45 - 1:30	Lunch
1:30 - 3:00	Concurrent Sessions
3:00 - 3:30	Break
3:30 - 5:00	Concurrent Sessions
5:00 - 6:00	Light Snack Social (KDHE)

### Day 2, Wednesday March 24, 2010

7:30 - 8:30	Registration and Breakfast
9:00 - 12:00	Keynote State of Solid Waste Management in Kansas Review of the State Solid Waste Management Plan
12:00 - 1:30	Lunch
1:30 - 4:30	State Solid Waste Management Plan Roundtable Facility Tours (ID required for admittance to facilities)
5:00 - 6:00	KOR Social (Dinner on your own)

### Day 3, Thursday March 25, 2010

7:30 - 8:30	Breakfast
8:30 - 10:00	Concurrent Sessions
10:00 - 10:30	Break
10:30 - 12:00	Concurrent Sessions (Lunch on your own)

# Concurrent Sessions Descriptions

## Tuesday, March 23, 2010

**HHW Training** - Meet your annual HHW refresher requirement during this eight-hour training. Topics include Chemistry of Hazardous Waste; Rules and Regulations; Common Inspection Issues; Pharmaceutical and Sharps Waste; Management of CFLs; Sorting, Segregation, and Identification of Waste; Personal Protection Equipment; and, Spill Prevention and Clean-up.

**Beginning Composting** - This year the session for those who are new to composting will be all new. Stan Slaughter has developed a training session that will incorporate the basics of composting along with his usual music and humor. This session is geared for a person that is in the process of planning a composting operation or is new to composting.

**Advanced Composting** - This training will focus on how compost and related organics can be an economic resource to improve soil and plant growing conditions. Topics will include enhancing soil fertility, improving soil quality, mulching and protecting from erosion, and using compost in planting medium blends. Several experts new to this training will discuss those topics, and more. Come prepared with your questions and ideas related to compost uses and benefits. Presenters for this session will include Dr. Dorivar Ruiz Diaz - KSU Agronomy specializing in soil fertility with previous experience in agricultural compost use; Dr. Cheryl Boyer - KSU Horticulture specializing in nursery tree production with research in using organics for plant culture; and Dr. Rhonda Janke - KSU Horticulture specializing on sustainable production with expertise in soil quality and organic production.

### **Organic Waste to Energy** -

**LandFillGas (LFG)** - What do you generate and where do you go with it?  
**Other Organic Waste Streams** - Gas generating lagoons, digesters, composting and landfilling potential  
**Organic Waste Streams** - Landfilling and RD&D rule - related impacts and benefits; direct combustion for use in boilers  
**Related Issues - Credits**- Carbon credits, tax credits, green image

### **Waste Reduction** -

**The Path to Profits - Of Course It's GREEN!** - Your business, operation, institution or community recognizes the need to run a more efficient operation. But what belt tightening can be left after everything that you've done in the past couple years. Explore the 'green divide' with your 'green mountain guide,' the EPA's Marcus Rivas. He knows how to get you through the treacherous passes and how to avoid the dead-end canyons. Join us for a journey that will increase your understanding and have you "GOING GREEN!"

WARNING! This is a brain-on workshop. This is NOT a 90-minute nap or rest break! You and your brain will be engaged!

**Ripple Glass Recycling** - Last year alone, Kansas Citizens threw away 150 million pounds of glass. To the dismay of the people at Boulevard Brewing Company, this included some 10 million empty Boulevard bottles - lost forever, buried in local landfills. Ripple has constructed a state-of-the-art processing plant and placed dedicated glass recycling containers throughout the metro area. A local manufacturer converts the recycled glass into fiberglass insulation, saving enormous amounts of energy and dramatically lowering emissions while producing a product that saves still more energy. Come learn a great way to close the loop, protect the environment, support local businesses and even make homes more energy efficient.

### **WasteCap Nebraska, a Non-Profit, Member Based Organization** -

WasteCap Nebraska is dedicated to assisting businesses develop and adopt environmentally friendly practices that increase profitability. This session will provide an overview of their services and take an in-depth look at the waste assessment services they provide, including their new construction and demolition waste program. Learn about their two-step process 1) evaluating the waste streams generated, and 2) planning to reduce consumption and recycling programs to divert waste from landfills. Join Carrie Haverkamp, Director of WasteCap Nebraska, for this session.

**An Overview of Highlights of The Association of Postconsumer Plastic Recyclers and the Southeast Recycling Development Council** - An overview of the work these groups do with solid waste management officials to include plastics in their collection programs; increase the volume and value of the plastics they collect; and, discussion on markets for the materials. Learn more from Keefe Harrison about how recycling markets work.

## Wednesday - March 24, 2010

### **General Session** - 9:00 AM - Noon

Welcome - KDHE

Keynote

State of Solid Waste Management in Kansas - *Bill Bider*, KDHE  
Review of the 2009 State Solid Waste Management Plan Survey Results and Revised Draft Plan (audience will participate using e-voting "clicker" technology)

### **Afternoon Events** -

#### **Facility Tours** - 1:30 - 4:30 (ID required for admittance to facilities)

Material Recycling Facility at Ft. Riley  
Ft. Riley Composting Facility  
Ft. Riley Household Hazardous Waste Facility  
Riley County Household Hazardous Waste Facility

**or**

#### **State Solid Waste Management Plan Roundtable** - 1:30 - 4:30

Continuation of morning discussion. Additional input will be sought from stakeholders to finalize the 2010 5-year update of the state plan.

## Thursday - March 25, 2010

**Household Hazardous Waste** - This session will cover the KDHE Bureau of Waste Management program updates and recycling waste. Learn from a panel discussion of various HHW related topics such as electronic waste, collection events, life cycle of HHW, and the methamphetamine program.

### **Composting**

**Case Studies** - Our case studies this year will cover composting and management of food waste and other source-separated organics. We always get feedback from this session.

**Roundtable** - Bring questions on areas of interest to you and your facility. Some topics we will be discussing are financing the facility from both a private and public sector point of view, marketing the compost, what quality does your market demand, and what do you want to learn about at 2011 WORKS!

### **Organic Waste to Energy** -

**Case Studies** - Seward County, Shawnee County, Ford County, and Frito-Lay project in Topeka  
**LMOP/AgStar**- How they can help - a question and answer panel

### **Waste Reduction** -

**The New Responsible Recycling (R2) Electronic Waste Standards** - At present, there is no federal mandate to recycle e-waste and, to date, there is no consensus on a federal approach to this problem area. However, three accredited certification programs exist to assess electronics recyclers' environmental, worker health and safety, and security practices. What does this mean for me? This session will explore the Responsible Recycling (R2) Practices for Use in Accredited Certification Programs from the perspective of the first accredited auditors and possibly learn from a certified company.

**Outreach to Hands Out** - Successful community recycling program managers understand that outreach is a smart way to ensure strong participation and low contamination levels. Surprisingly few communities, however, focus outreach beyond basic appeals to households - even fewer set their sights on elected officials. Learn how to move beyond basic community outreach activities and express the importance of waste diversion to your local and state elected officials with Keefe Harrison.

**A View from the LEED Certified and Totally Righteous Tower** - EPA's Marcus Rivas will explore both the rewards and challenges of waste management - recycling or the ultimate grail of waste minimizing. EPA is trying to find a 'new home' for such lovable industrial materials such as coal ash, tires, gypsum, and foundry sand. Come listen, explore and be recognized for your critical role in waste management. Get insights on how EPA is advancing waste management strategies and incenting more sustainable business practices.

**Green Schools** - Find out what's new with the Kansas Green School program. Now that grants have been awarded from the bureaus of Air, Water, and Waste Management, learn a little more about the types of projects schools are working on. Finally, come visit with some people who represent additional opportunities and project ideas for schools.

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[www.kdheks.gov/waste/works10.html](http://www.kdheks.gov/waste/works10.html)

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